

GTX300118

Paxillin (phospho) Antibody Panel

Product Content

Cat No	Product Name	Reactivity	Applications	Package
GTX125891	Paxillin antibody	Human, Mouse, Rat	WB, ICC/IF, IHC-P, IP	25 µl
GTX132152	Paxillin (phospho Tyr118) antibody	Human, Mouse, Rat	WB, ICC/IF	25 µl
GTX132362	Paxillin (phospho Ser273) antibody	Human, Mouse	WB	25 µl
GTX633678	Paxillin (phospho Tyr118) antibody [GT162]	Human	WB, ICC/IF	25 µl
GTX633769	Paxillin antibody [GT7612]	Human, Mouse, Rat	WB, ICC/IF, IHC-P, IP	25 µl
GTX640615	Paxillin (phospho Tyr31) antibody [HL3129]	Human, Mouse	WB, ICC/IF	25 µl

Note

For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).

Paxillin antibody

Cat. No. GTX125891

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse, Rat

References (24)

★★★★★ Review (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 65 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.48 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Paxillin. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



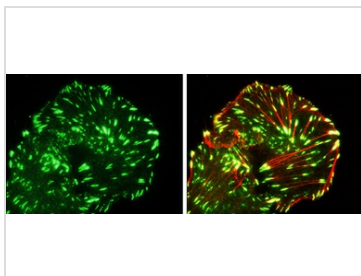
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Note

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DATA IMAGES

GTx125891 ICC/IF Image

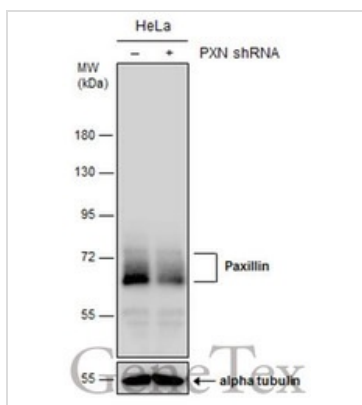
Paxillin antibody detects Paxillin protein at cytoskeleton by immunofluorescent analysis.

Sample: MDA-MB-231 cells were fixed in 4% paraformaldehyde at RT for 15 min.

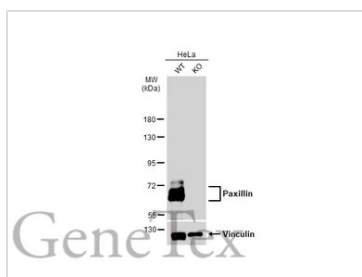
Green: Paxillin protein stained by Paxillin antibody (GTx125891) diluted at 1:100.

Red: phalloidin staining.

Courtesy of a researcher who prefers to be anonymous.


GTx125891 WB Image

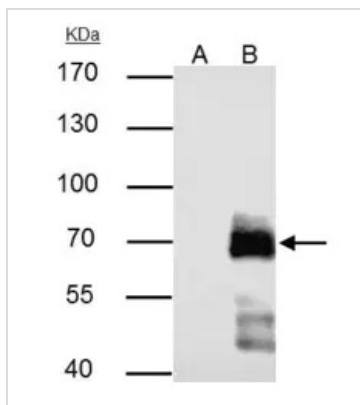
Non-transfected (-) and transfected (+) HeLa whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin antibody (GTx125891) diluted at 1:6000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx125891 WB Image

Wild-type (WT) and Paxillin knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin antibody (GTx125891) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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GTX125891 IP Image

Paxillin antibody immunoprecipitates Paxillin protein in IP experiments.

IP samples: HeLa whole cell extract

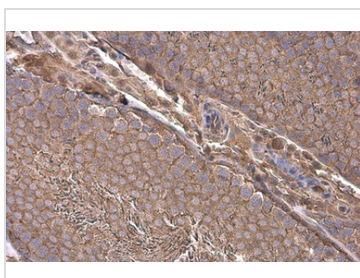
A. Control with 2 µg of preimmune Rabbit IgG

B. Immunoprecipitation of Paxillin protein by 2 µg Paxillin antibody (GTX125891)

7.5 % SDS-PAGE

The immunoprecipitated Paxillin protein was detected by Paxillin antibody (GTX125891) diluted at 1:10000.

[EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]



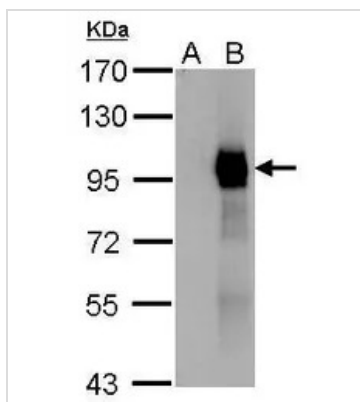
GTX125891 IHC-P Image

Paxillin antibody detects Paxillin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat testis.

Paxillin stained by Paxillin antibody (GTX125891) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX125891 WB Image

Paxillin antibody detects Paxillin protein by western blot analysis.

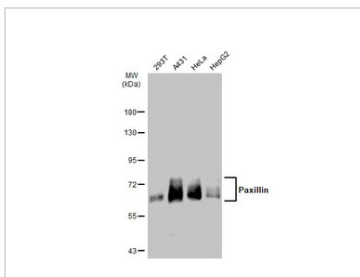
A. 1 µg 293T whole cell extract

B. 1 µg whole cell extract of GFP-human Paxillin-transfected 293T cells

7.5% SDS-PAGE

Paxillin antibody (GTX125891) dilution: 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX125891 WB Image

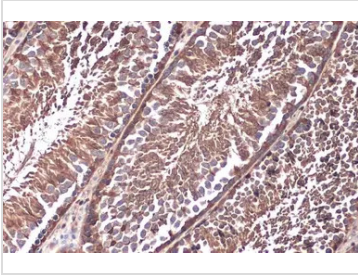
Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with

Paxillin antibody (GTX125891) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody

(GTX213110-01) was used to detect the primary antibody.



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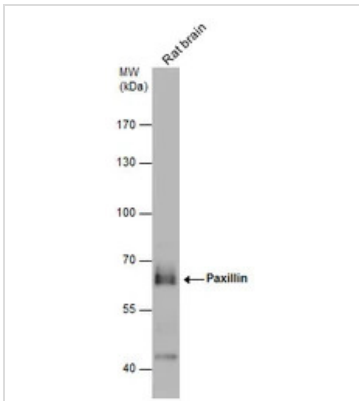
GTx125891 IHC-P Image

Paxillin antibody detects Paxillin protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse testis.

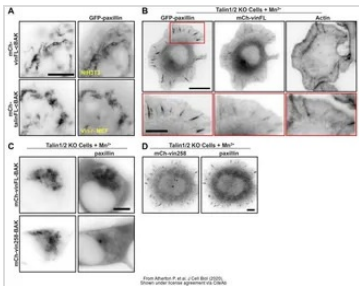
Paxillin stained by Paxillin antibody (GTx125891) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTx125891 WB Image

Rat tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin antibody (GTx125891) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx125891 ICC/IF Image

The data was published in the journal J Cell Biol in 2020. [PMID: 31816055](https://pubmed.ncbi.nlm.nih.gov/31816055/)



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Paxillin (phospho Tyr118) antibody

Cat. No. GTX132152

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Rat

★★★★☆ Review (1)

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent

Not tested in other applications.

Calculated MW 65 kDa. ([Note](#))

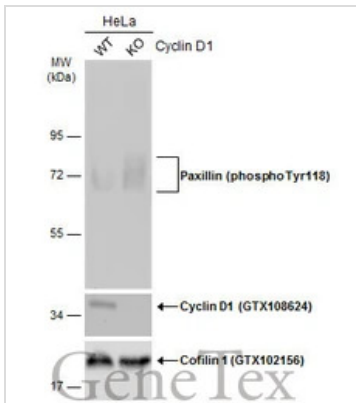
Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.47 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr118 of human Paxillin. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



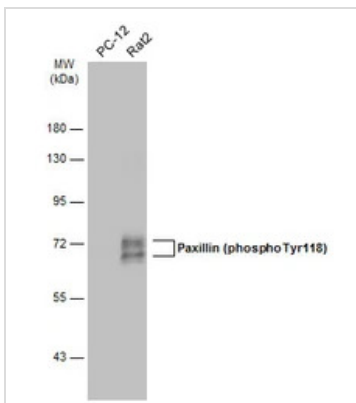
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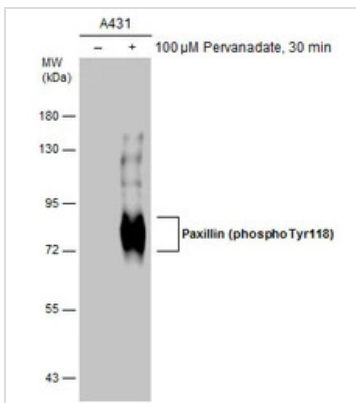
DATA IMAGES

GTX132152 WB Image

Wild-type (WT) and Cyclin D1 knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr118) antibody (GTX132152) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

The observed effect is based on the publication: [PMID: 16705174](https://pubmed.ncbi.nlm.nih.gov/16705174/)


GTX132152 WB Image

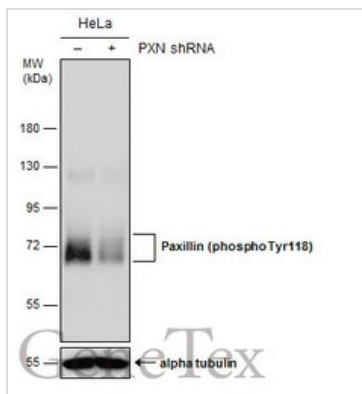
Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr118) antibody (GTX132152) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX132152 WB Image

Untreated (-) and treated (+) A431 whole cell extracts (5 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr118) antibody (GTX132152) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

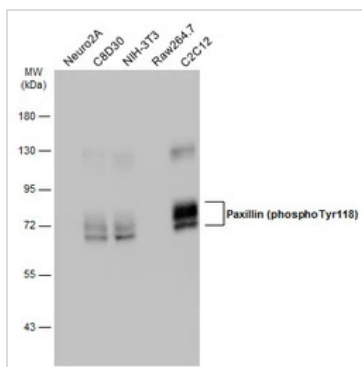


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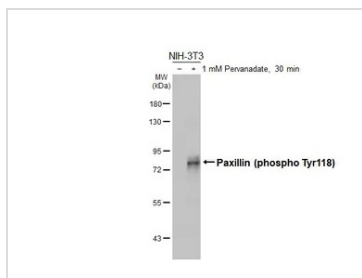
GTX132152 WB Image

Non-transfected (–) and transfected (+) HeLa whole cell extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr118) antibody (GTX132152) diluted at 1:2000.



GTX132152 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr118) antibody (GTX132152) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX132152 WB Image

Untreated (–) and treated (+) NIH-3T3 whole cell extracts were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr118) antibody (GTX132152) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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Paxillin (phospho Ser273) antibody

Cat. No. GTX132362

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
Not tested in other applications.	

Calculated MW 65 kDa. ([Note](#))

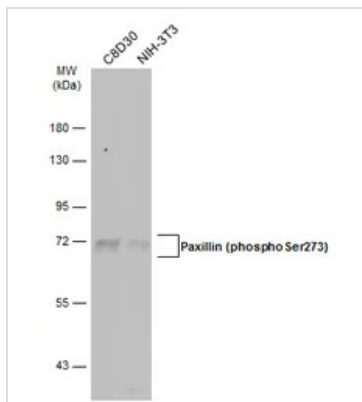
Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.04 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser273 of human Paxillin. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



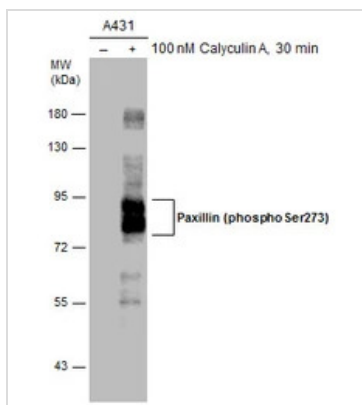
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DATA IMAGES



GTX132362 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Ser273) antibody (GTX132362) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GTX132362 WB Image

Untreated (-) and treated (+) A431 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Ser273) antibody (GTX132362) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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Paxillin (phospho Tyr118) antibody [GT162]

Cat. No. GTX633678

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 65 kDa. ([Note](#))

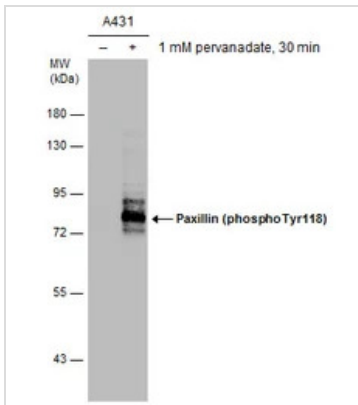
Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.15 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr118 of human Paxillin. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



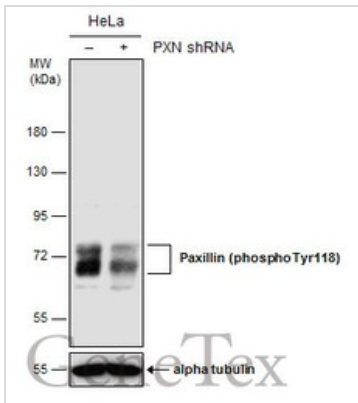
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DATA IMAGES



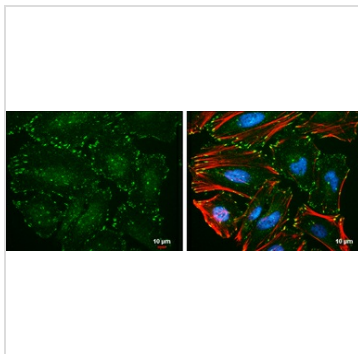
GTX633678 WB Image

Untreated (-) and treated (+) A431 whole cell extracts (5 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr118) antibody [GT162] (GTX633678) diluted at 1:3000.



GTX633678 WB Image

Non-transfected (-) and transfected (+) HeLa whole cell extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr118) antibody [GT162] (GTX633678) diluted at 1:500.



GTX633678 ICC/IF Image

Paxillin (phospho Tyr118) antibody [GT162] detects Paxillin (phospho Tyr118) protein at focal adhesion sites by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Paxillin (phospho Tyr118) protein stained by Paxillin (phospho Tyr118) antibody [GT162] (GTX633678) diluted at 1:200.

Red: Phalloidin, a cytoskeleton marker, diluted at 1:100.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.



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Paxillin antibody [GT7612]

Cat. No. GTX633769

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse, Rat

References (2)

★★★★★ Review (3)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	Assay dependent

Not tested in other applications.

Calculated MW 65 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Paxillin. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

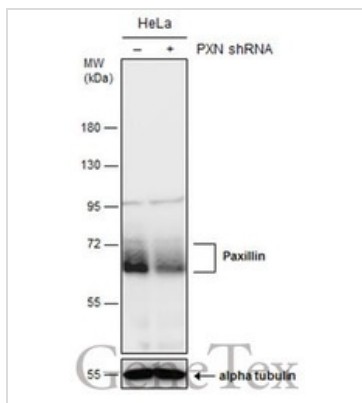


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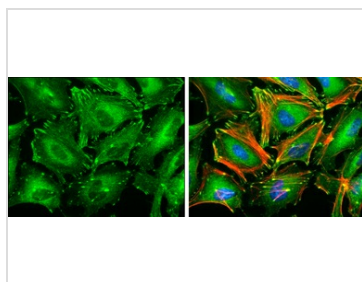
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DATA IMAGES

GTX633769 WB Image

Non-transfected (–) and transfected (+) HeLa whole cell extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin antibody [GT7612] (GTX633769) diluted at 1:1000.


GTX633769 ICC/IF Image

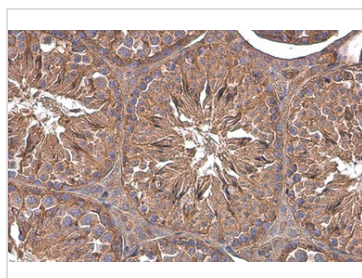
Paxillin antibody [GT7612] detects Paxillin protein at focal adhesion sites by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Paxillin protein stained by Paxillin antibody [GT7612] (GTX633769) diluted at 1:500.

Red: Phalloidin, a cytoskeleton marker, diluted at 1:100.

Blue: Hoechst 33342 staining.


GTX633769 IHC-P Image

Paxillin antibody [GT7612] detects Paxillin protein at cytoplasm by immunohistochemical analysis.

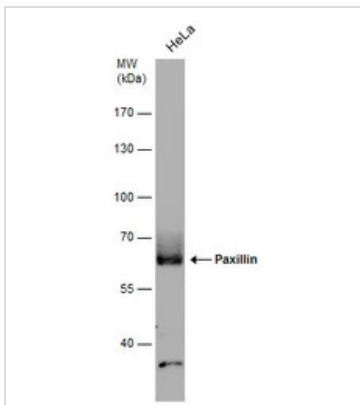
Sample: Paraffin-embedded mouse testis.

Paxillin stained by Paxillin antibody [GT7612] (GTX633769) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

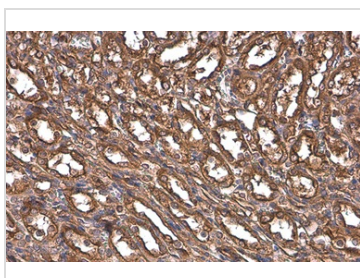


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GTX633769 WB Image

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin antibody [GT7612] (GTX633769) diluted at 1:1000.



GTX633769 IHC-P Image

Paxillin antibody [GT7612] detects Paxillin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat kidney.

Paxillin stained by Paxillin antibody [GT7612] (GTX633769) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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Paxillin (phospho Tyr31) antibody [HL3129]

Cat. No. GTX640615

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent

Not tested in other applications.

Calculated MW 65 kDa. ([Note](#))

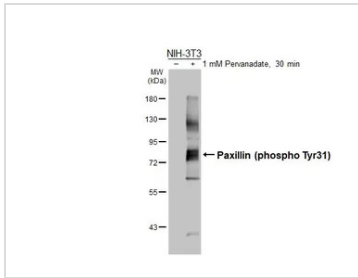
Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr31 of human Paxillin. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



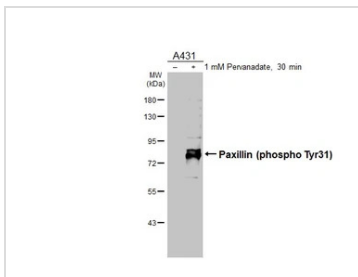
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



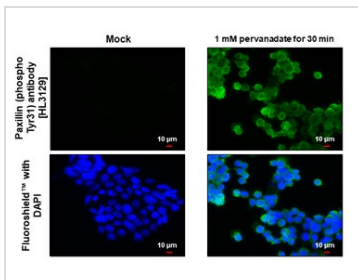
GTx640615 WB Image

Untreated (–) and treated (+) NIH-3T3 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr31) antibody [HL3129] (GTx640615) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx640615 WB Image

Untreated (–) and treated (+) A431 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Paxillin (phospho Tyr31) antibody [HL3129] (GTx640615) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx640615 ICC/IF Image

Paxillin (phospho Tyr31) antibody [HL3129] detects Paxillin (phospho Tyr31) protein by immunofluorescent analysis.

Sample: Mock and treated A431 cells were fixed in ice-cold MeOH for 5 min.

Green: Paxillin (phospho Tyr31) stained by Paxillin (phospho Tyr31) antibody [HL3129] (GTx640615) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).



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