

TSC2 antibody [HL2974]

Cat. No. GTX640361

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

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
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 190 kDa.

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	Synthetic peptide of human TSC2.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

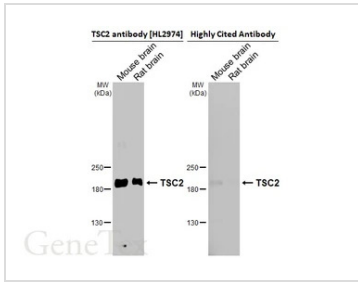
Note

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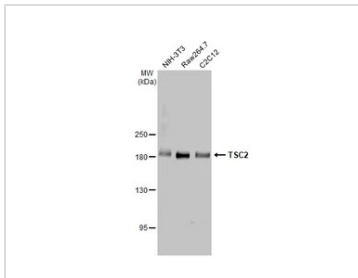


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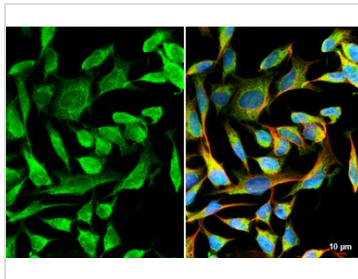
DATA IMAGES

GTX640361 WB Image

Various tissue extracts (50 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with TSC2 antibody [HL2974] (GTX640361) diluted at 1:1000 and competitor's antibody (Highly Cited Competitor) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

*The competitor is not affiliated with GeneTex and does not endorse this product.


GTX640361 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TSC2 antibody [HL2974] (GTX640361) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX640361 ICC/IF Image

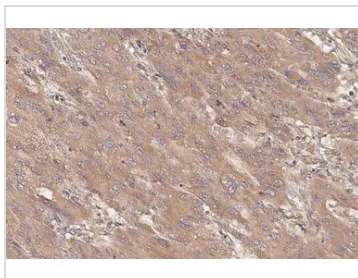
TSC2 antibody [HL2974] detects TSC2 protein by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: TSC2 stained by TSC2 antibody [HL2974] (GTX640361) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

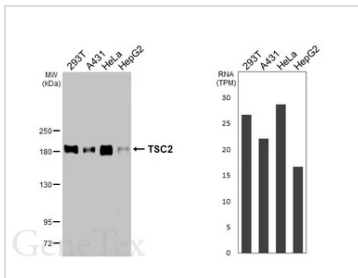

GTX640361 IHC-P Image

TSC2 antibody [HL2974] detects TSC2 protein by immunohistochemical analysis.

Sample: Paraffin-embedded human hepatocellular carcinoma.

TSC2 stained by TSC2 antibody [HL2974] (GTX640361) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX640361 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with TSC2 antibody [HL2974] (GTX640361) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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