

Sodium/Potassium ATPase alpha 1 antibody [HL114]

Cat. No. GTX635461

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

References (2)

Package

100 µl, 25 µl

Applications

Application Note

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

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

Not tested in other applications.

Observed MW (kDa) 110-120 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	The immunogen used to generate this antibody corresponds to chicken Sodium/Potassium ATPase alpha 1.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

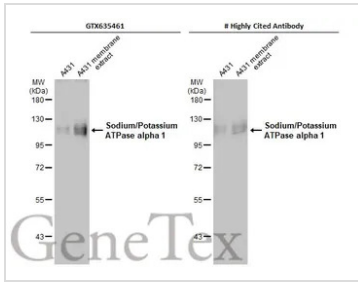
Note

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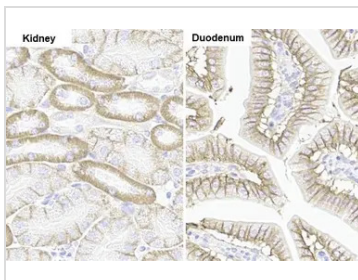


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DATA IMAGES

GTX635461 WB Image

A431 whole cell and membrane extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with Sodium/Potassium ATPase alpha 1 antibody [HL114] (GTX635461) diluted at 1:500 and competitor's antibody diluted at 1:500. 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.

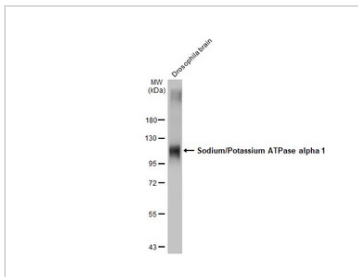

GTX635461 IHC-P Image

Sodium/Potassium ATPase alpha 1 antibody [HL114] detects Sodium/Potassium ATPase alpha 1 protein by immunohistochemical analysis.

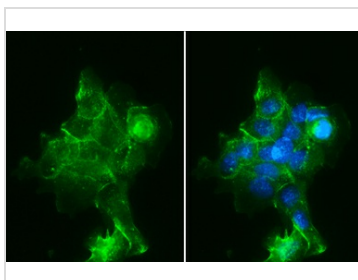
Sample: Paraffin-embedded mouse tissues.

Sodium/Potassium ATPase alpha 1 stained by Sodium/Potassium ATPase alpha 1 antibody [HL114] (GTX635461) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX635461 WB Image

Drosophila tissue extract (5 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Sodium/Potassium ATPase alpha 1 antibody [HL114] (GTX635461) diluted at 1:30000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

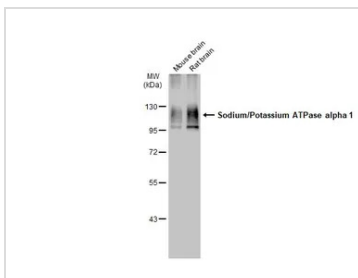

GTX635461 ICC/IF Image

Sodium/Potassium ATPase alpha 1 antibody [HL114] detects Sodium/Potassium ATPase alpha 1 protein at cell membrane by immunofluorescent analysis.

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

Green: Sodium/Potassium ATPase alpha 1 stained by Sodium/Potassium ATPase alpha 1 antibody [HL114] (GTX635461) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).


GTX635461 WB Image

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Sodium/Potassium ATPase alpha 1 antibody [HL114] (GTX635461) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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