

KTN1 Rabbit pAb

Catalog No.: A5879

Basic Information

Observed MW

166kDa

Calculated MW

156kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

Background

This gene encodes an integral membrane protein that is a member of the kinectin protein family. The encoded protein is primarily localized to the endoplasmic reticulum membrane. This protein binds kinesin and may be involved in intracellular organelle motility. This protein also binds translation elongation factor-delta and may be involved in the assembly of the elongation factor-1 complex. Alternate splicing results in multiple transcript variants of this gene.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

3895

Swiss Prot

Q86UP2

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human KTN1 (NP_001072989.1).

Synonyms

CG1; KNT; MU-RMS-40.19; KTN1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

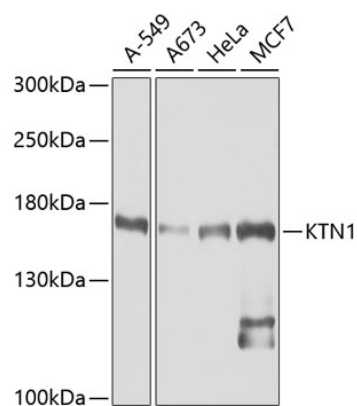
Affinity purification

Storage

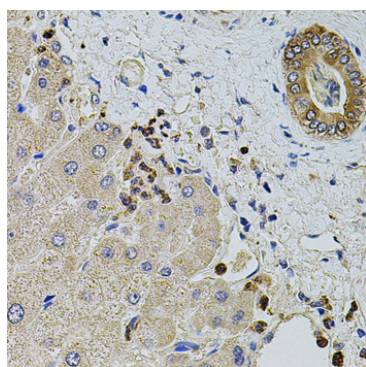
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

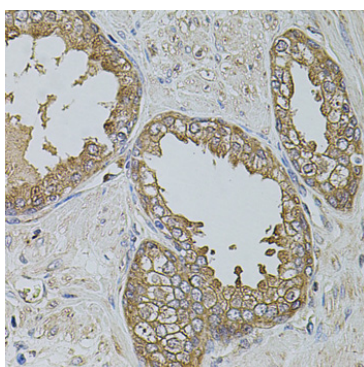
Validation Data



Western blot analysis of various lysates using KTN1 Rabbit pAb (A5879) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using KTN1 Rabbit pAb (A5879) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human prostate tissue using KTN1 Rabbit pAb (A5879) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.