

ATP7A Rabbit pAb

Catalog No.: A8399 **1 Publications**

Basic Information

Observed MW

163-200kDa

Calculated MW

163kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Rat

Background

This gene encodes a transmembrane protein that functions in copper transport across membranes. This protein is localized to the trans Golgi network, where it is predicted to supply copper to copper-dependent enzymes in the secretory pathway. It relocates to the plasma membrane under conditions of elevated extracellular copper, and functions in the efflux of copper from cells. Mutations in this gene are associated with Menkes disease, X-linked distal spinal muscular atrophy, and occipital horn syndrome. Alternatively-spliced transcript variants have been observed.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

538

Swiss Prot

Q04656

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-79 of human ATP7A (NP_000043.4).

Synonyms

MK; MNK; DSMAX; SMAX3; ATP7A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

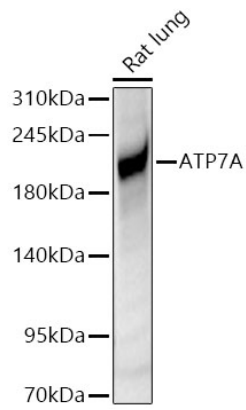
Affinity purification

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 lysates from Rat lung using ATP7A Rabbit pAb(A8399) at 1:1000 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposure time:60s.