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ATP7A

Reactivity: Human Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW:163kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ATP7A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MK; MNK; DSMAX; SMAX3;

Catalog #:A8399

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:538

Isotype: IgG

Swiss Prot:Q04656

Purity: Affinity purification

For research use only.

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 relocalizes 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.

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