

## ATP7A

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**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;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A8399

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**538

**Isotype:**IgG

**Swiss Prot:**Q04656

**Purity:**Affinity purification

For research use only.