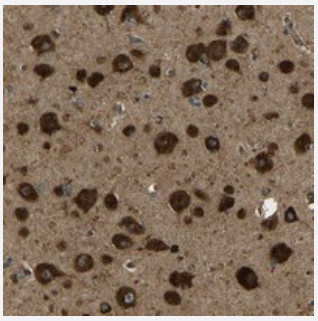
ATP7A polyclonal antibody

Catalog # PAB20632 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human hippocampus with ATP7A polyclonal antibody (Cat # PAB20632) shows strong cytoplasmic positivity in neuronal cells and glial cells at 1:10-1:20 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ATP7A.
Immunogen	Recombinant protein corresponding to amino acids of human ATP7A.
Sequence	TETLGTCIDFQVVPGCGISCKVTNIEGLLHKNNWNIEDNNIKNASLVQIDASNEQSSTSSSMIIDAQIS NALNAQQYKVLIGNREWMIRNGLVINNDVNDFMTEHERKGRTAVLVAVDDELC
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:10-1:20) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — ATP7A

Entrez GeneID	538
Protein Accession#	Q04656
Gene Name	ATP7A
Gene Alias	FLJ17790, MK, MNK
Gene Description	ATPase, Cu++ transporting, alpha polypeptide
Omim ID	300011 304150 309400
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transmembrane protein that functions in copper transport across membrane s. The protein localizes to the trans-Golgi network, where it is predicted to supply copper to coppe r-dependent enzymes in the secretory pathway. The protein relocalizes to the plasma membrane under conditions of elevated extracellular copper and functions in the efflux of copper from cells. M utations in this gene result in Menkes disease, X-linked cutis laxa, and occipital horn syndrome. [p rovided by RefSeq
Other Designations	Cu++-transporting P-type ATPase|Menkes disease-associated protein|Menkes syndrome|OTTH UMP00000023593|OTTHUMP00000062077|copper pump 1|copper-transporting ATPase 1