

Rabbit anti-Human ATP7A Polyclonal Antibody | anti-ATP7A antibody

ATP7A Antibody

CATALOG # AAA303814	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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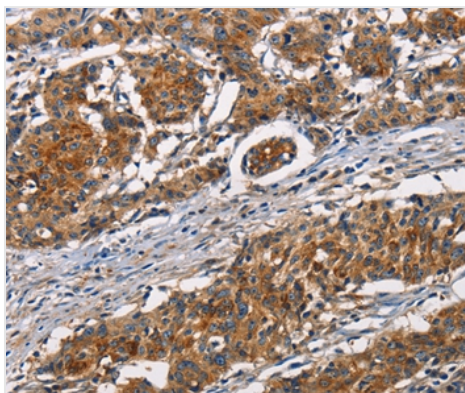
PRODUCT SYNONYMS

ATP7A; Polyclonal Antibody; ATP7A Antibody; MK; MNK; DSMAX; SMAX3; anti-ATP7A antibody

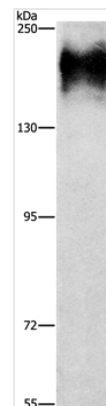
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ATP7A protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	4 mg/ml (varies by lot)
Sequence Length	1500
Applicable Applications for anti-ATP7A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human ATPase, Cu ⁺⁺ transporting, alpha polypeptide
Target Name	ATP7A
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using MBX9406110 at dilution 1/50.


Application Data

Gel: 6%SDS-PAGE Lysate: 40ug HepG2 cell Primary antibody: 1/800 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-ATP7A antibody	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.
Product Categories/Family for anti-ATP7A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	532691750
NCBI GeneID	538
NCBI Accession #	NP_000043.4
NCBI GenBank Nucleotide #	NM_000052.6
UniProt Accession #	Q04656; O00227; O00745; Q9BY8; B1AT72
Molecular Weight	163kDa
NCBI Official Full Name	copper-transporting ATPase 1 isoform 1
NCBI Official Synonym Full Names	ATPase, Cu++ transporting, alpha polypeptide
NCBI Official Symbol	ATP7A
NCBI Official Synonym Symbols	MK; MNK; DSMAX; SMAX3
NCBI Protein Information	copper-transporting ATPase 1
UniProt Protein Name	Copper-transporting ATPase 1
UniProt Gene Name	ATP7A
UniProt Synonym Gene Names	MC1; MNK
UniProt Entry Name	ATP7A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atp7a-antibody-immunohistochemistry-western-blot-elisa/303814>