

Rabbit ATP7A Polyclonal Antibody | anti-ATP7A antibody

Rabbit anti-ATP7A Antibody

CATALOG # AAA221731	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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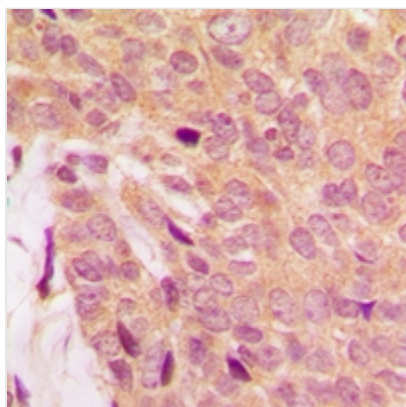
PRODUCT SYNONYMS

ATP7A; Polyclonal Antibody; Rabbit anti-ATP7A Antibody; MC1; MNK; Copper-transporting ATPase 1; Copper pump 1; Menkes disease-associated protein; anti-ATP7A antibody

PRODUCT SPECIFICATIONS

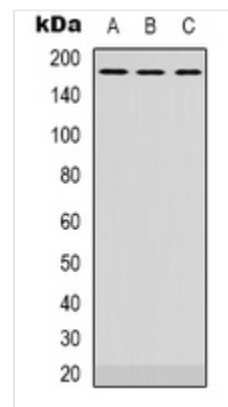
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ATP7A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATP7A. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ATP7A staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ATP7A expression in Hela (A), NIH3T3 (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATP7A antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115529486
NCBI GeneID	538
NCBI Accession #	NP_000043.3
NCBI GenBank Nucleotide #	NM_000052.5
UniProt Accession #	Q04656; Q64430; P70705
Molecular Weight	11,522 Da
NCBI Official Full Name	copper-transporting ATPase 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; copper pump 1; Cu+++-transporting P-type ATPase; Menkes disease-associated protein
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/221731>