

ATP7B Antibody | anti-ATP7B antibody

ATP7B Antibody

CATALOG # AAA109768	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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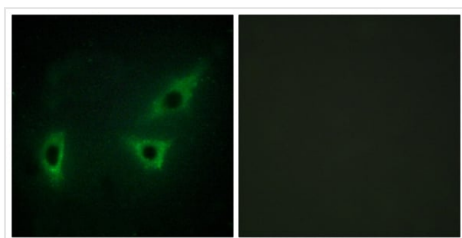
PRODUCT SYNONYMS

ATP7B; ATP7B Antibody; Copper-transporting ATPase 2; EC 3.6.3.4; Copper pump 2; Wilson disease-associated protein; WND/140 kDa; PWD; WC1; WND; anti-ATP7B antibody

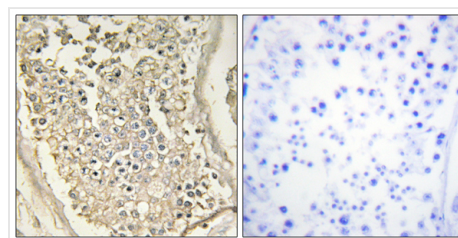
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	ATP7B antibody detects endogenous levels of total ATP7B protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1465
Applicable Applications for anti-ATP7B antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human ATP7B.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)
Peptide-+ Immunohistochemistry analysis of paraffin-embedded human testis tissue, using ATP7B antibody. Immunofluorescence analysis of HeLa cells, using ATP7B antibody.



Application Data
Peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATP7B antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Petrukhin K., Hum. Mol. Genet. 3:1647-1656(1994). Dunham A., Nature 428:522-528(2004). Oh W.J., Biochem. Biophys. Res. Commun. 259:206-211(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743071
NCBI GeneID	540

NCBI Accession #	NP_000044.2
NCBI GenBank Nucleotide #	NM_000053.3
UniProt Accession #	P35670 ; Q16318 ; Q16319 ; Q4U3V3 ; Q59FJ9 ; Q5T7X7
Molecular Weight	26,021 Da
NCBI Official Full Name	copper-transporting ATPase 2 isoform a
NCBI Official Synonym Full Names	ATPase copper transporting beta
NCBI Official Symbol	ATP7B
NCBI Official Synonym Symbols	WD; PWD; WC1; WND
NCBI Protein Information	copper-transporting ATPase 2
UniProt Protein Name	Copper-transporting ATPase 2
UniProt Gene Name	ATP7B
UniProt Synonym Gene Names	PWD; WC1; WND

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/atp7b/109768>