

Rabbit ATP7A Polyclonal Antibody | anti-ATP7A antibody

ATP7A Antibody

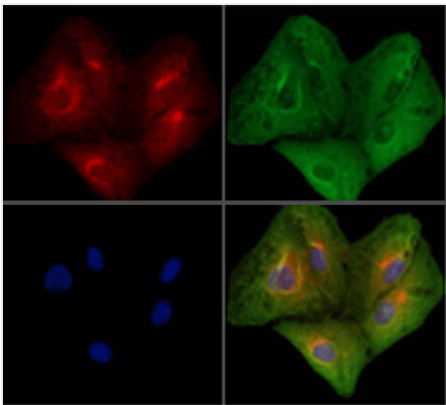
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327497	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ATP7A; Polyclonal Antibody; ATP7A Antibody; ATP 7A; ATP7A_HUMAN; ATPase copper transporting alpha polypeptide; ATPase Cu++ transporting alpha polypeptide (Menkes syndrome); ATPase Cu++ transporting alpha polypeptide; Copper pump 1; Copper transporting ATPase 1; Copper-transporting ATPase 1; Cu++ transporting P type ATPase; DSMAX; FLJ17790; MC 1; MC1; Menkes disease associated protein; Menkes disease-associated protein; Menkes syndrome; MK; MNK; OHS; OTTHUMP00000062077; SMAX3; anti-ATP7A antibody

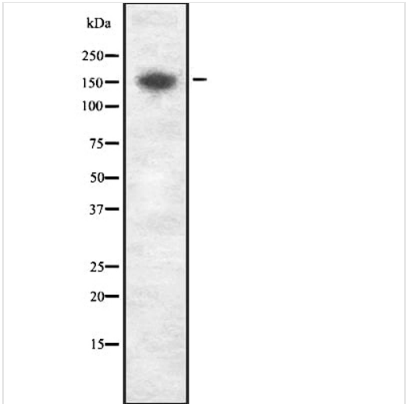
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ATP7A antibody detects endogenous levels of total ATP7A
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1500
Applicable Applications for anti-ATP7A antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ATP7A, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



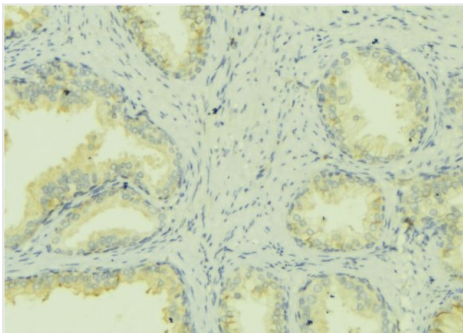
IF (Immunofluorescence)

AAA327497 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA327497) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of ATP7A using LOVO whole cell lysates



IHC (Immunohistochemistry)

AAA327497 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

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; Q9BYY8; B1AT72
Molecular Weight	163 kDa
NCBI Official Full Name	copper-transporting ATPase 1 isoform 1
NCBI Official Synonym Full Names	ATPase copper transporting alpha
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

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/polyclonal/atp7a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/327497>