

Rabbit anti-Human ATP8A1 Polyclonal Antibody | anti-ATP8A1 antibody

ATP8A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231850	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

ATP8A1; Polyclonal Antibody; ATP8A1 Antibody; Phospholipid-transporting ATPase IA; ATPase class I type 8A member 1; Chromaffin granule ATPase II; P4-ATPase flippase complex alpha subunit ATP8A1; ATP1A; anti-ATP8A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1149
Applicable Applications for anti-ATP8A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Phospholipid-transporting ATPase IA protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-99109
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



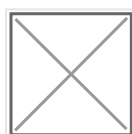
IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA231850 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human appendix tissue using AAA231850 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human cervical cancer using AAA231850 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ATP8A1 antibody	Catalytic component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids from the outer to the inner leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules. In vitro, its ATPase activity is selectively and stereospecifically stimulated by phosphatidylserine (PS). The flippase complex ATP8A1:TMEM30A seems to play a role in regulation of cell migration probably involving flippase-mediated translocation of phosphatidylethanolamine (PE) at the plasma membrane. Acts as aminophospholipid translocase at the plasma membrane in neuronal cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157649069
NCBI GeneID	10396
NCBI Accession #	NP_001098999.1
NCBI GenBank Nucleotide #	NM_001105529.1
UniProt Accession #	Q9Y2Q0; Q32M35; Q32M36; Q4W5J7; Q4W5P2
Molecular Weight	129,723 Da
NCBI Official Full Name	phospholipid-transporting ATPase 1A isoform b
NCBI Official Synonym Full Names	ATPase phospholipid transporting 8A1
NCBI Official Symbol	ATP8A1
NCBI Official Synonym Symbols	ATPIA; ATPP2; ATPASEII
NCBI Protein Information	phospholipid-transporting ATPase 1A
UniProt Protein Name	Phospholipid-transporting ATPase 1A
UniProt Gene Name	ATP8A1
UniProt Synonym Gene Names	ATPIA
UniProt Entry Name	AT8A1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/atp8a1-antibody-immunofluorescence-immunohistochemistry-elisa/231850>