

Rabbit anti-Human ATP8A2 Polyclonal Antibody | anti-ATP8A2 antibody

ATP8A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233046	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

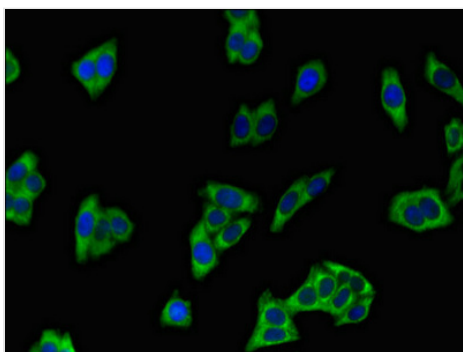
PRODUCT SYNONYMS

ATP8A2; Polyclonal Antibody; ATP8A2 Antibody; Phospholipid-transporting ATPase IB; ATPase class I type 8A member 2; ML-1; P4-ATPase flippase complex alpha subunit ATP8A2; ATPIB; anti-ATP8A2 antibody

PRODUCT SPECIFICATIONS

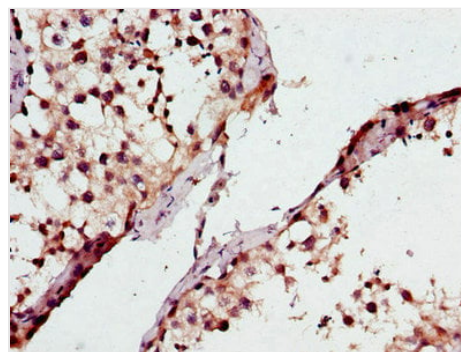
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1123
Applicable Applications for anti-ATP8A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Phospholipid-transporting ATPase IB protein (358-570AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-292155 / sc-83990 / sc-83991
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



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233046 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 testis tissue using AAA233046 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ATP8A2 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. Reconstituted to liposomes, the ATP8A2: TMEM30A flippase complex predominantly transports phosphatidylserine (PS) and to a lesser extent phosphatidylethanolamine (PE). Proposed to function in the generation and maintenance of phospholipid asymmetry in photoreceptor disk membranes and neuronal axon membranes. May be involved in vesicle trafficking in neuronal cells. Involved in regulation of neurite outgrowth; acting in synergy with TMEM30A. Required for normal visual and auditory function; involved in photoreceptor and inner ear spiral ganglion cell survival.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	924183258
NCBI GeneID	51761
NCBI Accession #	NP_001300670.1
NCBI GenBank Nucleotide #	NM_001313741.1
UniProt Accession #	Q9NTI2; Q9H527; Q9NPU6; Q9NTL2; Q9NYM3
Molecular Weight	59,296 Da
NCBI Official Full Name	phospholipid-transporting ATPase IB isoform 2
NCBI Official Synonym Full Names	ATPase phospholipid transporting 8A2
NCBI Official Symbol	ATP8A2
NCBI Official Synonym Symbols	IB; ATP; ML-1; ATPIB; CAMRQ4
NCBI Protein Information	phospholipid-transporting ATPase IB
UniProt Protein Name	Phospholipid-transporting ATPase IB
UniProt Gene Name	ATP8A2
UniProt Synonym Gene Names	ATPIB
UniProt Entry Name	AT8A2_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://www.aaabiotech.com/polyclonal/atp8a2-antibody-immunofluorescence-immunohistochemistry-elisa/233046>