

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

ATP8A2 Antibody (N-term)

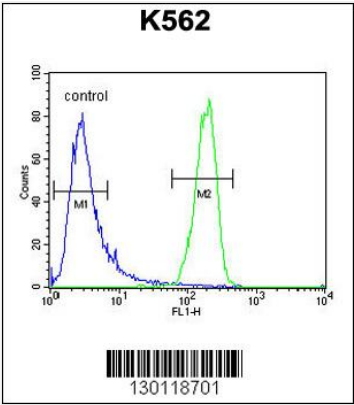
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283811	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

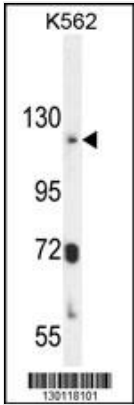
ATP8A2; Polyclonal Antibody; ATP8A2 Antibody (N-term); Phospholipid-transporting ATPase IB; ATPase class I type 8A member 2; ML-1; P4-ATPase flippase complex alpha subunit ATP8A2; ATPIB; anti-ATP8A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ATP8A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 293-322 amino acids from the N-terminal region of human ATP8A2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	293-322
Sequence Length	528
Applicable Applications for anti-ATP8A2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ATP8A2 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
ATP8A2 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the ATP8A2 antibody detected the ATP8A2 protein (arrow).

ADDITIONAL INFORMATION

References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Coleman, J.A., et al. J. Biol. Chem. 284(47):32670-32679(2009) Dunham, A., et al. Nature 428(6982):522-528(2004) Halleck, M.S., et al. Physiol. Genomics 1(3):139-150(1999) Sun, X.L., et al. Gene Expr. 8(2):129-139(1999)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117168245
NCBI GeneID	51761
NCBI Accession #	NP_057613.4
NCBI GenBank Nucleotide #	NM_016529.4
UniProt Accession #	Q9NTI2; Q9H527; Q9NPU6; Q9NTL2; Q9NYM3
Molecular Weight	129242
NCBI Official Full Name	phospholipid-transporting ATPase IB
NCBI Official Synonym Full Names	ATPase, aminophospholipid transporter, class I, type 8A, member 2
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.