

Rabbit ATP1B1 Polyclonal Antibody | anti-ATP1B1 antibody

ATP1B1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199439	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Immunohistochemistry, Western Blot

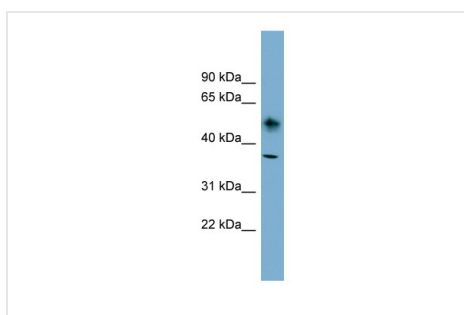
PRODUCT SYNONYMS

ATP1B1; Polyclonal Antibody; ATP1B1 antibody - N-terminal region; anti-ATP1B1 antibody

PRODUCT SPECIFICATIONS

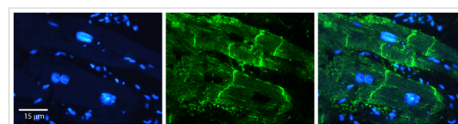
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: RV APPGLTQIPQ IQKTEISFRP NDPKSYEAYV LNIVRFLEKY KDSAQRDD
Sequence Length	301
Applicable Applications for anti-ATP1B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATP1B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ATP1B1 Antibody Titration: 0.2-1 ug/ml Positive Control: OVCAR-3 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-ATP1B1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Plasma membrane in intercalated disk Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ATP1B1 antibody	This is a rabbit polyclonal antibody against ATP1B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ATP1B1 belongs to the family of Na⁺/K⁺ and H⁺/K⁺ ATPases beta chain proteins, and to the subfamily of Na⁺/K⁺ -ATPases. Na⁺/K⁺ -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K io
Product Categories/Family for anti-ATP1B1 antibody	Polyclonal; Membrane Protein; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	49574489
NCBI GeneID	481
NCBI Accession #	NP_001001787
NCBI GenBank Nucleotide #	NM_001001787
UniProt Accession #	A6NGH2; P05026
Molecular Weight	35kDa
NCBI Official Synonym Full Names	ATPase Na ⁺ /K ⁺ transporting subunit beta 1
NCBI Official Symbol	ATP1B1
NCBI Official Synonym Symbols	ATP1B
NCBI Protein Information	sodium/potassium-transporting ATPase subunit beta-1

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://stage.aaabiotech.com/polyclonal/atp1b1-antibody-immunohistochemistry-western-blot-elisa/199439>