

Rabbit ATP1B1 Polyclonal Antibody | anti-ATP1B1 antibody

ATP1B1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233922	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ATP1B1; Polyclonal Antibody; ATP1B1 Antibody; Sodium/potassium-transporting ATPase subunit beta-1; Sodium/potassium-dependent ATPase subunit beta-1; ATP1B; anti-ATP1B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	303
Applicable Applications for anti-ATP1B1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Sodium/potassium-transporting ATPase subunit beta-1 protein (64-241AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



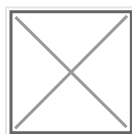
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233922 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



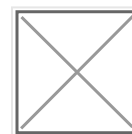
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate tissue using AAA233922 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA233922 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, Rat heart tissue, Mouse heart tissueAll lanes: ATP1B1 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 36, 35 KDaObserved band size: 36 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ATP1B1 antibody	This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane.
Product Categories/Family for anti-ATP1B1 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502277
NCBI GeneID	481
NCBI Accession #	NP_001668.1
NCBI GenBank Nucleotide #	NM_001677.3
UniProt Accession #	P05026; Q5TGZ3
Molecular Weight	34,893 Da
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit beta-1
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
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit beta-1
UniProt Gene Name	ATP1B1
UniProt Synonym Gene Names	ATP1B

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-immunofluorescence-immunohistochemistry-western-blot-elisa/233922>