

Rabbit ATPase, Na⁺/K⁺ Transporting Beta 1 Polypeptide (ATP1b1) Polyclonal Antibody | anti-ATP1b1 antibody

Polyclonal Antibody to ATPase, Na⁺/K⁺ Transporting Beta 1 Polypeptide (ATP1b1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133748	Rabbit	Mouse, Human, Rat, Pig, Bovine	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

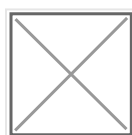
PRODUCT SYNONYMS

ATPase; Na⁺/K⁺ Transporting Beta 1 Polypeptide (ATP1b1); Polyclonal Antibody; Polyclonal Antibody to ATPase; anti-ATP1b1 antibody

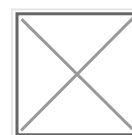
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat, Pig, Bovine
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ATP1b1. It has been selected for its ability to recognize ATP1b1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-TIQVLLT ISELKPTYQD RVAPPGLTQI PQIQKTEISF RPNDPKSYEA YVLNIIRFLE KYKDSAQKDD MIFEDCGNVP SEPKERGDIN HERGERKVCV FKLDWLGNCV GLNDDSYGYR EGKPCIIKL NRVLGFKPKP PKNESLETYP LMMKYNPNVL PVQCTGKRDE DKDKVGNIEY FGMGGYYGFP LQYYPYGGKL LQPKYLQPLL AVQFTNLTV DTEIRVECKAY GENIGYSEKD RFQGRFDVKI EIKS
Sequence Length	194
Applicable Applications for anti-ATP1b1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant ATP1b1 (Thr53~Ser304) expressed in E.coli.
Cross Reactivity	Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753138
NCBI GeneID	11931
NCBI Accession #	NP_033851.1
NCBI GenBank Nucleotide #	NM_009721.6
UniProt Accession #	Q545P0; P14094
Molecular Weight	35,195 Da
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit beta-1
NCBI Official Synonym Full Names	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide
NCBI Official Symbol	Atp1b1
NCBI Official Synonym Symbols	Atpb; Atp4b; Atpb-1; NKbeta1
NCBI Protein Information	sodium/potassium-transporting ATPase subunit beta-1
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit beta
UniProt Gene Name	Atp1b1

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/atpase-na-k-transporting-beta-1-polypeptide-atp1b1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133748>