

Rabbit anti-Human, Mouse V-ATPase B1 Polyclonal Antibody | anti-V-ATPase B1 antibody

V-ATPase B1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA172262	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

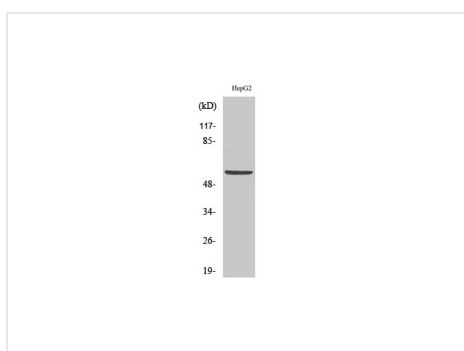
PRODUCT SYNONYMS

V-ATPase B1; Polyclonal Antibody; V-ATPase B1 Polyclonal Antibody; ATP6V1B1; ATP6B1; VATB; VPP3; V-type proton ATPase subunit B; kidney isoform; V-ATPase subunit B 1; Endomembrane proton pump 58 kDa subunit; Vacuolar proton pump subunit B 1; anti-V-ATPase B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Applicable Applications for anti-V-ATPase B1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from the C-terminal region of human V-ATPase B1.
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HepG2 cells with ATP6V1B1 Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-V-ATPase B1 antibody	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', c'', and d. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This encoded protein is one of two V1 domain B subunit isoforms and is found in the kidney. Mutations in this gene cause distal renal tubular acidosis associated with sensorineural deafness.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15222929
NCBI GeneID	843934
NCBI GenBank Nucleotide #	NM_106251.4
UniProt Accession #	P15313; Q42205; Q8L584; Q9LQR5; P11574
Molecular Weight	Calculated MW: 57 Observed MW: 60
NCBI Official Full Name	V-type proton ATPase subunit B1
NCBI Official Symbol	AT1G76030
NCBI Official Synonym Symbols	VHA-B1
NCBI Protein Information	V-type proton ATPase subunit B1
UniProt Protein Name	V-type proton ATPase subunit B1
UniProt Gene Name	VHA-B1
UniProt Synonym Gene Names	AT57; V-ATPase subunit B1
UniProt Entry Name	VATB1_ARATH

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/v-atpase-b1-antibody-immunohistochemistry-western-blot-elisa/172262>