

Rabbit V-ATPase S1 Polyclonal Antibody | anti-ATP6AP1 antibody

V-ATPase S1 Polyclonal Antibody

CATALOG # AAA296654	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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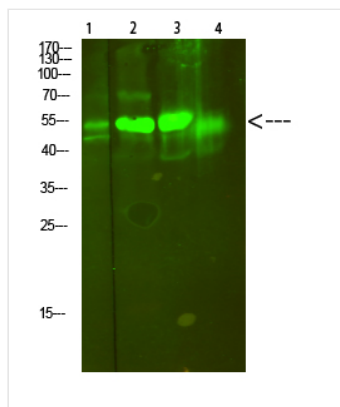
PRODUCT SYNONYMS

V-ATPase S1; Polyclonal Antibody; V-ATPase S1 Polyclonal Antibody; V-type proton ATPase subunit S1 (V-ATPase subunit S1)(Protein XAP-3)(V-ATPase Ac45 subunit)(V-ATPase S1 accessory protein)(Vacuolar proton pump subunit S1); anti-ATP6AP1 antibody

PRODUCT SPECIFICATIONS

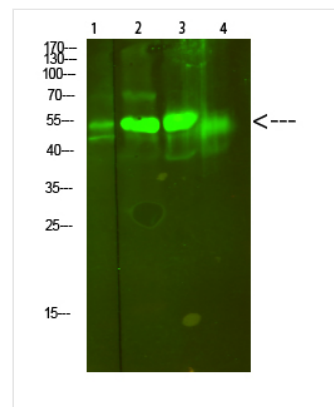
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-ATP6AP1 antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: WB 1:500-2000, ELISA 1:10000-20000



WB (Western Blot)

Dilution: WB 1:500-2000, ELISA 1:10000-20000

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6AP1 antibody

Accessory subunit of the proton-transporting vacuolar (V)-ATPase protein pump, which is required for luminal acidification of secretory vesicles. Guides the V-type ATPase into specialized subcellular compartments, such as neuroendocrine regulated secretory vesicles or the ruffled border of the osteoclast, thereby regulating its activity. Involved in membrane trafficking and Ca (2+)-dependent membrane fusion. May play a role in the assembly of the V-type ATPase complex. In aerobic conditions, involved in intracellular iron homeostasis, thus triggering the activity of Fe (2+) prolyl hydroxylase (PHD) enzymes, and leading to HIF1A hydroxylation and subsequent proteasomal degradation (PubMed:28296633).

NCBI AND UNIPROT INFORMATION

NCBI GI #	12230759
NCBI GeneID	537
UniProt Accession #	Q15904; Q8NBT4; Q9H0C7; A6ZKI4
Molecular Weight	470
NCBI Official Full Name	V-type proton ATPase subunit S1
NCBI Official Synonym Full Names	ATPase, H+ transporting, lysosomal accessory protein 1
NCBI Official Symbol	ATP6AP1
NCBI Official Synonym Symbols	16A; CF2; Ac45; XAP3; XAP-3; ATP6S1; VATPS1; ATP6IP1
NCBI Protein Information	V-type proton ATPase subunit S1; protein XAP-3; H-ATPase subunit; V-ATPase subunit S1; V-ATPase Ac45 subunit; V-ATPase S1 accessory protein; vacuolar proton pump subunit S1; ATPase, H+ transporting, lysosomal interacting protein 1; ATPase, H+ transporting
UniProt Protein Name	V-type proton ATPase subunit S1
UniProt Gene Name	ATP6AP1
UniProt Synonym Gene Names	ATP6IP1; ATP6S1; VATPS1; XAP3; V-ATPase subunit S1
UniProt Entry Name	VAS1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/v-atpase-s1-antibody-western-blot-elisa/296654>