

Rabbit V-ATPase D1 Polyclonal Antibody | anti-ATP6V0D1 antibody

V-ATPase D1 Polyclonal Antibody

CATALOG # AAA296058	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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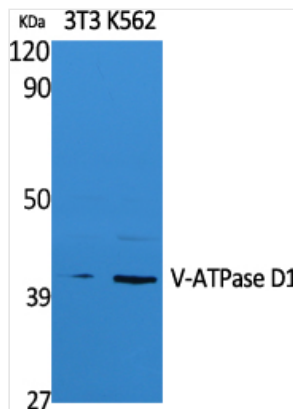
PRODUCT SYNONYMS

V-ATPase D1; Polyclonal Antibody; V-ATPase D1 Polyclonal Antibody; ATP6V0D1; ATP6D; VPATPD; V-type proton ATPase subunit d 1; V-ATPase subunit d 1; 32 kDa accessory protein; V-ATPase 40 kDa accessory protein; V-ATPase AC39 subunit; p39; Vacuolar proton pump subunit d 1; anti-ATP6V0D1 antibody

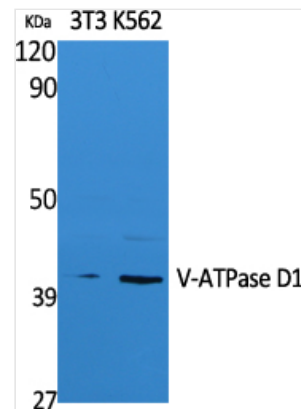
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-ATP6V0D1 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: Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V0D1 antibody

Subunit of the integral membrane V0 complex of vacuolar ATPase. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system. May play a role in coupling of proton transport and ATP hydrolysis (By similarity). May play a role in cilium biogenesis through regulation of the transport and the localization of proteins to the cilium (By similarity). 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 #	47606646
NCBI GeneID	9114
UniProt Accession #	P61421; P12953; Q02547
Molecular Weight	351
NCBI Official Full Name	V-type proton ATPase subunit d 1
NCBI Official Synonym Full Names	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1
NCBI Official Symbol	ATP6V0D1
NCBI Official Synonym Symbols	P39; VATX; VMA6; ATP6D; ATP6DV; VPATPD
NCBI Protein Information	V-type proton ATPase subunit d 1; V-ATPase, subunit D; V-ATPase subunit d 1; V-ATPase AC39 subunit; 32 kDa accessory protein; vacuolar proton pump subunit d 1; V-ATPase 40 kDa accessory protein; H(+)-transporting two-sector ATPase, subunit D; ATPase, H+ t
UniProt Protein Name	V-type proton ATPase subunit d 1
UniProt Gene Name	ATP6V0D1
UniProt Synonym Gene Names	ATP6D; VPATPD; V-ATPase subunit d 1; p39
UniProt Entry Name	VA0D1_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-d1-antibody-western-blot-elisa/296058>