

Rabbit anti-Human, Mouse ATP6V1C1 Polyclonal Antibody | anti-ATP6V1C1 antibody

ATP6V1C1 Polyclonal Antibody

CATALOG # AAA179154	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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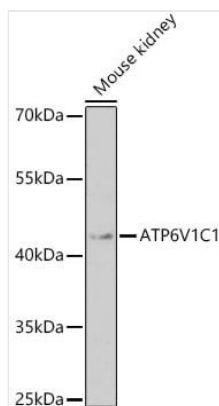
PRODUCT SYNONYMS

ATP6V1C1; Polyclonal Antibody; ATP6V1C1 Polyclonal Antibody; ATP6C; ATP6D; VATC; Vma5; anti-ATP6V1C1 antibody

PRODUCT SPECIFICATIONS

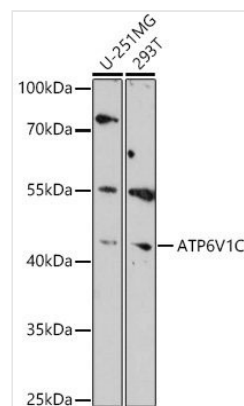
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ATP6V1C1 antibody	WB (Western Blot)
Immunogen	A synthetic peptide of human ATP6V1C1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Mouse kidney using ATP6V1C1 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using ATP6V1C1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V1C1 antibody	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of intracellular compartments of eukaryotic cells. V-ATPase dependent 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 gene is one of two genes that encode the V1 domain C subunit proteins and is found ubiquitously. This subunit is analogous but not homologous to gamma subunit of F-ATPases. Previously, this gene was designated ATP6D.
Product Categories/Family for anti-ATP6V1C1 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	401329
NCBI GeneID	528
UniProt Accession #	P21283
Molecular Weight	382
NCBI Official Full Name	V-type proton ATPase subunit C 1
NCBI Official Synonym Full Names	ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1
NCBI Official Symbol	ATP6V1C1
NCBI Official Synonym Symbols	VATC; Vma5; ATP6C; ATP6D
NCBI Protein Information	V-type proton ATPase subunit C 1; V-ATPase C subunit; H+ -ATPase C subunit; V-ATPase subunit C 1; vacuolar proton pump C subunit; vacuolar ATP synthase subunit C; vacuolar proton pump subunit C 1; vacuolar proton pump, 42-kD subunit; H+-transporting ATPas
UniProt Protein Name	V-type proton ATPase subunit C 1
UniProt Gene Name	ATP6V1C1
UniProt Synonym Gene Names	ATP6C; ATP6D; VATC; V-ATPase subunit C 1
UniProt Entry Name	VATC1_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://www.aaabiotech.com/polyclonal/atp6v1c1-antibody-western-blot-elisa/179154>