

Rabbit anti-Mouse ATP6V1G3 Polyclonal Antibody | anti-ATP6V1G3 antibody

ATP6V1G3 Rabbit Polyclonal Antibody

CATALOG # AAA313504	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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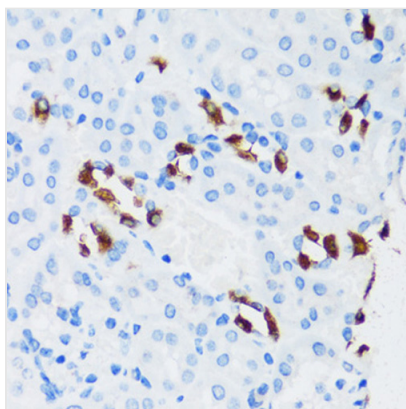
PRODUCT SYNONYMS

ATP6V1G3; Polyclonal Antibody; ATP6V1G3 Rabbit Polyclonal Antibody; ATP6G3; Vma10; anti-ATP6V1G3 antibody

PRODUCT SPECIFICATIONS

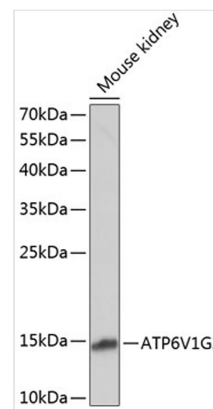
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ATP6V1G3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ATP6V1G3 (NP_573569.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using ATP6V1G3 at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of mouse kidney, using ATP6V1G3 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V1G3 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 gene encodes one of three G subunit proteins. Transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ATP6V1G3 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	72533514
NCBI GeneID	127124
UniProt Accession #	Q96LB4; Q495K2; Q495K4; Q5T9L6
Molecular Weight	13,917 Da
NCBI Official Full Name	ATP6V1G3 protein
NCBI Official Synonym Full Names	ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G3
NCBI Official Symbol	ATP6V1G3
NCBI Official Synonym Symbols	Vma10; ATP6G3
NCBI Protein Information	V-type proton ATPase subunit G 3; V-ATPase G3 subunit; V-ATPase G subunit 3; V-ATPase subunit G 3; V-ATPase 13 kDa subunit 3; vacuolar proton pump G subunit 3; vacuolar proton pump subunit G 3; vacuolar proton pump, subunit G3; vacuolar ATP synthase subun
UniProt Protein Name	V-type proton ATPase subunit G 3
UniProt Gene Name	ATP6V1G3
UniProt Synonym Gene Names	ATP6G3; V-ATPase subunit G 3
UniProt Entry Name	VATG3_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/atp6v1g3-antibody-immunohistochemistry-western-blot-elisa/313504>