

Rabbit V-type proton ATPase subunit G 1 Polyclonal Antibody | anti-ATP6V1G1 antibody

Rabbit anti-human V-type proton ATPase subunit G 1 polyclonal Antibody

CATALOG # AAA81444	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

V-type proton ATPase subunit G 1; Polyclonal Antibody; Rabbit anti-human V-type proton ATPase subunit G 1 polyclonal Antibody; V-ATPase 13 kDa subunit 1; Vacuolar proton pump subunit G 1; Vacuolar proton pump subunit M16; anti-ATP6V1G1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	118
Applicable Applications for anti-ATP6V1G1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human V-type proton ATPase subunit G 1 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-21224 / sc-20948
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded colorectal carcinoma using AAA81444 at dilution of 1:50



WB (Western Blot)

All lanes: V-type proton ATPase subunit G 1 antibody at 2ug/ml+ 293T whole cell lysate
Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size: 13 kDa
Observed band size: 13kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V1G1 antibody	This protein is 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757818
NCBI GeneID	9550
NCBI Accession #	NP_004879.1
NCBI GenBank Nucleotide #	NM_004888.3
UniProt Accession #	O75348; Q6IB33
Molecular Weight	13,758 Da
NCBI Official Full Name	V-type proton ATPase subunit G 1
NCBI Official Synonym Full Names	ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G1
NCBI Official Symbol	ATP6V1G1
NCBI Official Synonym Symbols	ATP6G; ATP6J; Vma10; ATP6G1; ATP6GL
NCBI Protein Information	V-type proton ATPase subunit G 1
UniProt Protein Name	V-type proton ATPase subunit G 1
UniProt Gene Name	ATP6V1G1
UniProt Synonym Gene Names	ATP6G; ATP6G1; ATP6J; V-ATPase subunit G 1
UniProt Entry Name	VATG1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/v-type-proton-atpase-subunit-g-1-antibody-immunohistochemistry-western-blot-elisa/81444>