

Mouse ATP6V1G2 Monoclonal Antibody | anti-ATP6V1G2 antibody

ATP6V1G2 (V-type Proton ATPase Subunit G 2, V-ATPase Subunit G 2, V-ATPase 13kD Subunit 2, Vacuolar Proton Pump Subunit G 2, ATP6G, ATP6G2, NG38) (HRP)

CATALOG # AAA25328	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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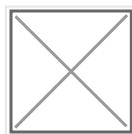
PRODUCT SYNONYMS

ATP6V1G2; Monoclonal Antibody; ATP6V1G2 (V-type Proton ATPase Subunit G 2; V-ATPase Subunit G 2; V-ATPase 13kD Subunit 2; Vacuolar Proton Pump Subunit G 2; ATP6G; ATP6G2; NG38) (HRP); anti-ATP6V1G2 antibody

PRODUCT SPECIFICATIONS

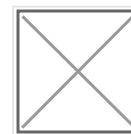
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b, lambda
Clone Number	2E11
Specificity	Recognizes human ATP6V1G2. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-ATP6V1G2 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa41-118 from human ATP6V1G2 (NP_569730) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	QMEVEQYRREREHEFQSKQQAAMGSQGNLSAEVEQATRRQVQGMQSSQQRNRERVLQLLGMVCDVRPQVHPNYRISA
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)

Western Blot analysis of ATP6V1G2 expression in transfected 293T cell line by ATP6V1G2 monoclonal antibody. Lane 1: ATP6V1G2 transfected lysate (13.6kD). Lane 2: Non-transfected lysate.



WB (Western Blot)

ATP6V1G2 monoclonal antibody Western Blot analysis of ATP6V1G2 expression in NIH/3T3.

**WB (Western Blot)**

ATP6V1G2 monoclonal antibody Western Blot analysis of ATP6V1G2 expression in Raw 264.7.

**WB (Western Blot)**

ATP6V1G2 monoclonal antibody, Western Blot analysis of ATP6V1G2 expression in HepG2.

**WB (Western Blot)**

ATP6V1G2 monoclonal antibody. Western Blot analysis of ATP6V1G2 expression in PC-12.

**WB (Western Blot)**

Western Blot detection against Immunogen (34.32kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATP6V1G2 antibody

[Antibodies](#); [Enzymes](#); [ATPase](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	18497300
NCBI GeneID	534
NCBI Accession #	NP_569730
NCBI GenBank Nucleotide #	NM_130463
UniProt Accession #	O95670
Molecular Weight	13kDa
NCBI Official Full Name	V-type proton ATPase subunit G 2 isoform a
NCBI Official Synonym Full Names	ATPase H+ transporting V1 subunit G2
NCBI Official Symbol	ATP6V1G2
NCBI Official Synonym Symbols	NG38; ATP6G; VMA10; ATP6G2
NCBI Protein Information	V-type proton ATPase subunit G 2
UniProt Protein Name	V-type proton ATPase subunit G 2
UniProt Gene Name	ATP6V1G2
UniProt Synonym Gene Names	ATP6G; ATP6G2; NG38
UniProt Entry Name	VATG2_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/monoclonal/atp6v1g2-antibody-clone-2e11-western-blot-elisa/25328>