

Rabbit anti-Human, Mouse ATP6V1H Polyclonal Antibody | anti-ATP6V1H antibody

Rabbit anti-ATP6V1H Antibody, Affinity Purified

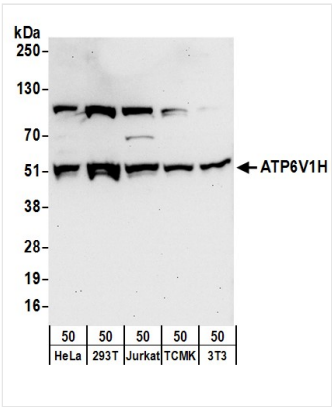
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212610	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

ATP6V1H; Polyclonal Antibody; Rabbit anti-ATP6V1H Antibody; Affinity Purified; V-ATPase 50/57 kDa subunits; ATPase; H⁺ transporting; lysosomal 50/57kDa; V1 subunit H; V-type proton ATPase subunit H; V-ATPase subunit H; vacuolar proton pump subunit SFD; vacuolar proton pump subunit H; vacuolar ATPase subunit H; vacuolar ATP synthase subunit H; SFDalpha; SFD; protein VMA13 homolog; nef-binding protein 1; CGI-11; NBP1; MSTP042; SFDbeta; VMA13; ATPase H⁺ transporting V1 subunit H; anti-ATP6V1H antibody

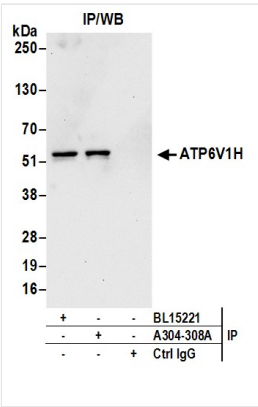
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ATP6V1H antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine, Pig
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse ATP6V1H by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-ATP6V1H antibody AAA212610 (lot AAA212610-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human ATP6V1H by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-ATP6V1H antibody AAA212610 (lot AAA212610-1) used for IP at 6 ug per reaction. ATP6V1H was also immunoprecipitated by rabbit anti-ATP6V1H antibody BL15221. For blotting immunoprecipitated ATP6V1H, AAA212610 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V1H antibody	V-type proton ATPase subunit H (ATP6V1H) is a subunit of the peripheral V1 complex of vacuolar ATPase. Subunit H activates the ATPase activity of the enzyme and couples ATPase activity to proton flow. 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 (By similarity). ATP6V1H is involved in the endocytosis mediated by clathrin-coated pits, required for the formation of endosomes [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9UI12].
Product Categories/Family for anti-ATP6V1H antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	47717104
NCBI GeneID	51606
NCBI Accession #	NP_057025.2
NCBI GenBank Nucleotide #	NM_015941.3
UniProt Accession #	Q9UI12 ; Q6PK44 ; Q9H3E3 ; Q9Y300 ; B3KMR0
Molecular Weight	55,883 Da
NCBI Official Full Name	V-type proton ATPase subunit H isoform 1
NCBI Official Synonym Full Names	ATPase, H ⁺ transporting, lysosomal 50/57kDa, V1 subunit H
NCBI Official Symbol	ATP6V1H
NCBI Official Synonym Symbols	SFD; NBP1; VMA13; CGI-11; MSTP042; SFDbeta; SFDalpha
NCBI Protein Information	V-type proton ATPase subunit H; V-ATPase subunit H; nef-binding protein 1; protein VMA13 homolog; vacuolar ATPase subunit H; V-ATPase 50/57 kDa subunits; vacuolar proton pump subunit H; vacuolar ATP synthase subunit H; vacuolar proton pump subunit SFD
UniProt Protein Name	V-type proton ATPase subunit H
UniProt Gene Name	ATP6V1H

UniProt Synonym Gene Names	V-ATPase subunit H; NBP1
UniProt Entry Name	VATH_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/atp6v1h-antibody-immunoprecipitation-western-blot-elisa/212610>