Rabbit anti-Human, Mouse ATP6V1A Polyclonal Antibody | anti-ATP6V1A antibody

Rabbit anti-ATP6V1A Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213143	**Rabbit**	**Human, Mouse**	**Immunoprecipitation, Western Blot**

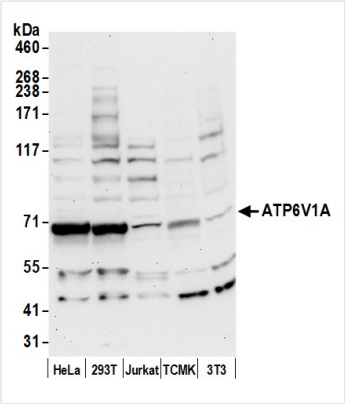
PRODUCT SYNONYMS

ATP6V1A; Polyclonal Antibody; Rabbit anti-ATP6V1A Antibody; Affinity Purified; vacuolar proton pump alpha subunit 1; vacuolar proton pump subunit alpha; V-ATPase 69 kDa subunit; V-ATPase 69 kDa subunit 1; V-ATPase A subunit 1; V-ATPase subunit A; Vma1; V-type proton ATPase catalytic subunit A; H(+)-transporting two-sector ATPase; subunit A; vacuolar ATPase isoform VA68; VPP2; ATPase; H+ transporting; lysosomal 70kDa; V1 subunit A; HO68; vacuolar ATP synthase catalytic subunit A; ubiquitous isoform; ATP6V1A1; lysosomal; subunit A1; H+-transporting ATPase chain A; vacuolar (VA68 type); ARCL2D; IECEE3; VA68; ATP6A1; ATPase H+ transporting V1 subunit A; anti-ATP6V1A antibody

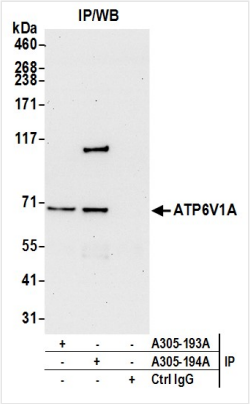
PRODUCT SPECIFICATIONS

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-ATP6V1A antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 567 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human and mouse ATP6V1A by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ATP6V1A antibody AAA213143 (lot AAA213143-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human ATP6V1A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ATP6V1A antibody AAA213143 (lot AAA213143-1) used for IP at 6 ug per reaction. ATP6V1A was also immunoprecipitated by rabbit anti-ATP6V1A antibody For blotting immunoprecipitated ATP6V1A, AAA213143 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V1A antibody	The gene ATP6V1A 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. The component, V-type proton ATPase catalytic subunit A, is one of two V1 domain A subunit isoforms and is found in all tissues [taken from NCBI Entrez Gene (Gene ID: 523)].
Product Categories/Family for anti-ATP6V1A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913424
NCBI GeneID	523
NCBI Accession #	NP_001681.2
NCBI GenBank Nucleotide #	NM_001690.3
UniProt Accession #	P38606; Q53YD9; Q96DY6; Q9UHY3; B2RBR8; B7Z1R5; D3DN75
Molecular Weight	64,736 Da
NCBI Official Full Name	V-type proton ATPase catalytic subunit A
NCBI Official Synonym Full Names	ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A
NCBI Official Symbol	ATP6V1A
NCBI Official Synonym Symbols	HO68; VA68; VPP2; Vma1; ATP6A1; ATP6V1A1
NCBI Protein Information	V-type proton ATPase catalytic subunit A; V-ATPase subunit A; V-ATPase A subunit 1; V-ATPase 69 kDa subunit 1; vacuolar ATPase isoform VA68; vacuolar proton pump subunit alpha; vacuolar proton pump alpha subunit 1; ATPase, H+ transporting, lysosomal, subu
UniProt Protein Name	V-type proton ATPase catalytic subunit A
UniProt Gene Name	**ATP6V1A**
UniProt Synonym Gene Names	ATP6A1; ATP6V1A1; VPP2; V-ATPase subunit A

UniProt Entry Name	VATA_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/atp6v1a-antibody-immunoprecipitation-western-blot-elisa/213143