

Rabbit ATP6V0A1 Polyclonal Antibody | anti-ATP6V0A1 antibody

ATP6V0A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233738	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ATP6V0A1; Polyclonal Antibody; ATP6V0A1 Antibody; V-type proton ATPase 116 kDa subunit a isoform 1; V-ATPase 116 kDa isoform a1; Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit; Vacuolar adenosine triphosphatase subunit Ac116; Vacuolar proton pump subunit 1; Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1; ATP6N1; ATP6N1A; VPP1; anti-ATP6V0A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	838
Applicable Applications for anti-ATP6V0A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human V-type proton ATPase 116 kDa subunit a isoform 1 protein (80-260AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Human
Research Area	Others
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescent analysis of A549 cells using AAA233738 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233738 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: Rat brain tissue, Mouse brain tissueAll lanes:
ATP6V0A1 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000
dilutionPredicted band size: 97, 96 KDaObserved band size: 97 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V0A1 antibody	Required for assembly and activity of the vacuolar ATPase. Potential role in differential targeting and regulation of the enzyme for a specific organelle (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194097401
NCBI GeneID	535
NCBI Accession #	NP_001123492.1
NCBI GenBank Nucleotide #	NM_001130020.1
UniProt Accession #	Q93050; Q8N5G7; Q9NSX0; B7Z3B7
NCBI Official Full Name	V-type proton ATPase 116 kDa subunit a isoform 1 isoform a
NCBI Official Synonym Full Names	ATPase H+ transporting V0 subunit a1
NCBI Official Symbol	ATP6V0A1
NCBI Official Synonym Symbols	a1; Stv1; VPP1; Vph1; ATP6N1; ATP6N1A
NCBI Protein Information	V-type proton ATPase 116 kDa subunit a isoform 1; V-type proton ATPase 116 kDa subunit a
UniProt Protein Name	V-type proton ATPase 116 kDa subunit a isoform 1
UniProt Gene Name	ATP6V0A1
UniProt Synonym Gene Names	ATP6N1; ATP6N1A; VPP1; V-ATPase 116 kDa isoform a1

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/atp6v0a1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233738>