

Rabbit anti-Human ATP6V0A2 Polyclonal Antibody | anti-ATP6V0A2 antibody

ATP6V0A2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302757	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ATP6V0A2; Polyclonal Antibody; ATP6V0A2 antibody; anti-ATP6V0A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	856
Applicable Applications for anti-ATP6V0A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 156 and 404 of ATP6V0A2
Target Name	ATP6V0A2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



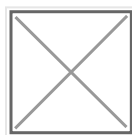
IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed A431, using ATP6V0A2 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 500.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded DLD1 xenograft, using ATP6V0A2 antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: 293T B: A431 C: H1299 7.5% SDS PAGE Primary antibody diluted at 1: 10000

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V0A2 antibody	The multisubunit vacuolar-type proton pump (H(+)-ATPase or V-ATPase) is essential for acidification of diverse cellular components, including endosomes, lysosomes, clathrin-coated vesicles, secretory vesicles, and chromaffin granules, and it is found at high density in the plasma membrane of certain specialized cells. H(+)-ATPases are comprised of a peripheral V(1) domain and an integral membrane V(0) domain; ATP6V0A2 is a component of the V(0) domain (Smith et al., 2003 [PubMed 14580332]).[supplied by OMIM]
Product Categories/Family for anti-ATP6V0A2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	42741679
NCBI GeneID	23545
NCBI Accession #	NP_036595
NCBI GenBank Nucleotide #	NM_012463.3
Molecular Weight	98,082 Da
NCBI Official Full Name	V-type proton ATPase 116 kDa subunit a isoform 2
NCBI Official Synonym Full Names	ATPase, H+ transporting, lysosomal V0 subunit a2
NCBI Official Symbol	ATP6V0A2
NCBI Official Synonym Symbols	A2; RTF; TJ6; WSS; ARCL; J6B7; STV1; TJ6M; TJ6S; VPH1; ARCL2A; ATP6A2; ATP6N1D
NCBI Protein Information	V-type proton ATPase 116 kDa subunit a isoform 2
UniProt Protein Name	V-type proton ATPase 116 kDa subunit a isoform 2
UniProt Gene Name	ATP6V0A2
UniProt Synonym Gene Names	V-ATPase 116 kDa isoform a2
UniProt Entry Name	VPP2_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/atp6v0a2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302757>