

Rabbit ATP6V0A2 Polyclonal Antibody | anti-ATP6V0A2 antibody

ATP6V0A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269083	Rabbit	Human, Mouse, Rat, Monkey	Immunocytochemistry, Immunofluorescence, Western Blot

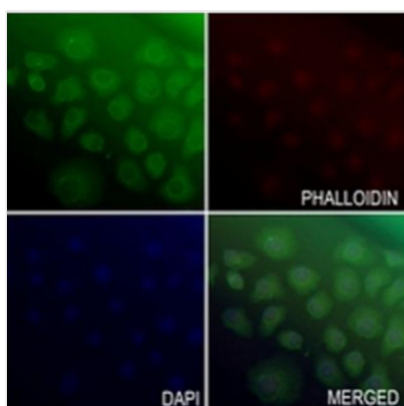
PRODUCT SYNONYMS

ATP6V0A2; Polyclonal Antibody; ATP6V0A2 Antibody; V-type proton ATPase 116 kDa subunit a isoform 2; V-ATPase 116 kDa isoform a2; Lysosomal H(+)-transporting ATPase V0 subunit a2; TJ6; Vacuolar proton translocating ATPase 116 kDa subunit a isoform 2; anti-ATP6V0A2 antibody

PRODUCT SPECIFICATIONS

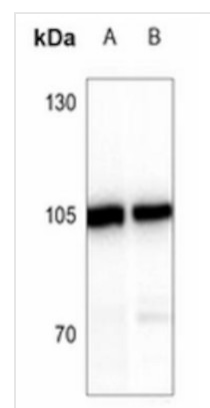
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes endogenous levels of ATP6V0A2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-ATP6V0A2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATP6V0A2. The exact sequence is proprietary.
Preparation and Storage	Aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ATP6V0A2 staining in SGC7901 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of ATP6V0A2 expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 98 kD; Observed band size: 105 kD).

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V0A2 antibody	Rabbit polyclonal antibody to ATP6V0A2
Product Categories/Family for anti-ATP6V0A2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	42741679
NCBI GeneID	23545
NCBI Accession #	NP_036595
NCBI GenBank Nucleotide #	NM_012463
UniProt Accession #	Q9Y487; Q6NUM0; A8K026
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; A2V-ATPase; lysosomal H(+)-transporting ATPase V0 subunit a2; regeneration and tolerance factor; v-ATPase 116 kDa; v-type proton ATPase 116 kDa subunit a; vacuolar proton translocating ATPase 116 kDa subun
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-immunocytochemistry-immunofluorescence-western-blot-elisa/269083>