

Rabbit ATP2C1 Polyclonal Antibody | anti-ATP2C1 antibody

ATP2C1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199437	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Immunohistochemistry, Western Blot

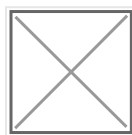
PRODUCT SYNONYMS

ATP2C1; Polyclonal Antibody; ATP2C1 antibody - C-terminal region; anti-ATP2C1 antibody

PRODUCT SPECIFICATIONS

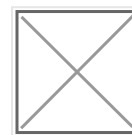
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer and 0.09% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: TK SVFEIGLCSN RMFCYAVLGS IMGQLLVIYF PPLQKVFQTE SLSILGLA
Sequence Length	888
Applicable Applications for anti-ATP2C1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ATP2C1
Protein Size (# AA)	888 amino acids
Protein Interactions	UBC; RNF2; ELAVL1;
Blocking Peptide	For anti-ATP2C1 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ATP2C1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: 721_B cell lysate
ATP2C1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



IHC (Immunohistochemistry)

Rabbit Anti-ATP2C1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic in Golgi
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ATP2C1 antibody	Target Description: ATP2C1 belongs to the family of P-type cation transport ATPases. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of the calcium. Defects in this gene cause Hailey-Hailey disease, an autosomal dominant disorder. Alternatively spliced transcript variants encoding different isoforms have been identified.The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of the calcium. Defects in this gene cause Hailey-Hailey disease, an autosomal dominant disorder. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-ATP2C1 antibody	Polyclonal; Lymphocyte Signaling; Membrane Protein; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762687
NCBI GeneID	27032
NCBI Accession #	NP_001001485
NCBI GenBank Nucleotide #	NM_001001485
UniProt Accession #	P98194
Molecular Weight	98kDa
NCBI Official Full Name	calcium-transporting ATPase type 2C member 1 isoform 1c
NCBI Official Synonym Full Names	ATPase secretory pathway Ca2+ transporting 1
NCBI Official Symbol	ATP2C1
NCBI Official Synonym Symbols	HHD; BCPM; PMR1; SPCA1; hSPCA1; ATP2C1A
NCBI Protein Information	calcium-transporting ATPase type 2C member 1
UniProt Protein Name	Calcium-transporting ATPase type 2C member 1
UniProt Gene Name	ATP2C1
UniProt Synonym Gene Names	KIAA1347; PMR1L; ATPase 2C1
UniProt Entry Name	AT2C1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/atp2c1-antibody-immunohistochemistry-western-blot-elisa/199437>