

Rabbit ATP2A1 Polyclonal Antibody | anti-ATP2A1 antibody

ATP2A1 Polyclonal Antibody

CATALOG # AAA169876	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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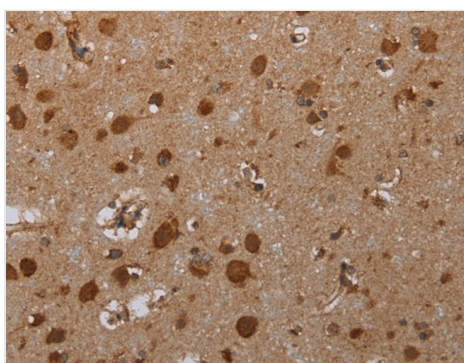
PRODUCT SYNONYMS

ATP2A1; Polyclonal Antibody; ATP2A1 Polyclonal Antibody; ATP2A; SERCA1; anti-ATP2A1 antibody

PRODUCT SPECIFICATIONS

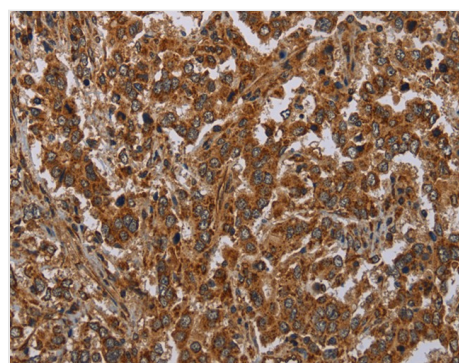
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2mg/mL (varies by lot)
Sequence Length	1042
Applicable Applications for anti-ATP2A1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human ATP2A1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using ATP2A1 Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ATP2A1 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-ATP2A1 antibody	This gene encodes one of the SERCA Ca(2+)-ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen, and is involved in muscular excitation and contraction. Mutations in this gene cause some autosomal recessive forms of Brody disease, characterized by increasing impairment of muscular relaxation during exercise. Alternative splicing results in three transcript variants encoding different isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	147907326
NCBI GeneID	446229
NCBI Accession #	NP_001086443.1
NCBI GenBank Nucleotide #	NM_001092974.1
NCBI Official Full Name	ATPase, Ca++ transporting, slow twitch 2
NCBI Official Synonym Full Names	ATPase, Ca++ transporting, cardiac muscle, fast twitch 1<
NCBI Official Symbol	atp2a1
NCBI Official Synonym Symbols	atp2a; atp2a2; serca1
NCBI Protein Information	ATPase, Ca++ transporting, slow twitch 2; ATPase, Ca++ transporting, slow twitch 2; ATPase, Ca++ transporting, cardiac muscle, slow twitch 2

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/atp2a1-antibody-immunohistochemistry-elisa/169876>