

Rabbit ATP2A3 Polyclonal Antibody | anti-ATP2A3 antibody

ATP2A3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199718	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat	Western Blot

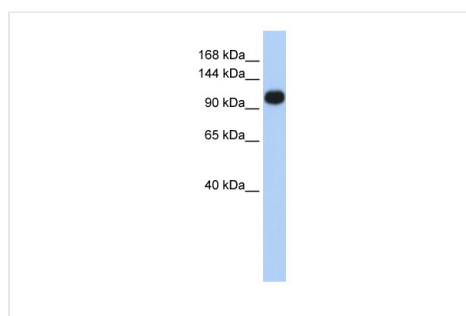
PRODUCT SYNONYMS

ATP2A3; Polyclonal Antibody; ATP2A3 antibody - middle region; anti-ATP2A3 antibody

PRODUCT SPECIFICATIONS

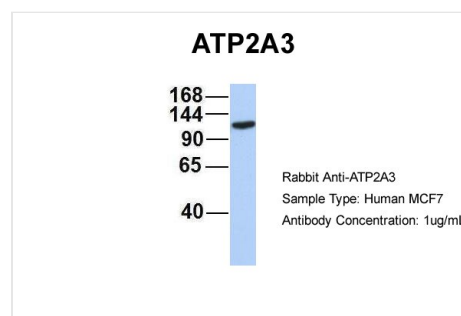
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide: LI SGWLFFRYLA IGYYVGLATV AAATWWFVYD AEGPHINFYQ LRNFLKCS
Sequence Length	999
Applicable Applications for anti-ATP2A3 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 86%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Rabbit: 77%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATP2A3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ATP2A3 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:312500
 Positive Control: Jurkat cell lysate
 ATP2A3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



WB (Western Blot)

Host: Rabbit
 Target Name: ATP2A3
 Sample Type: MCF7
 Antibody Dilution: 1.0ug/mL
 ATP2A3 is strongly supported by BioGPS gene expression data to be expressed in MCF7

ADDITIONAL INFORMATION

Related Product Information for anti-ATP2A3 antibody	This is a rabbit polyclonal antibody against ATP2A3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ATP2A3 is 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 calcium sequestration associated with muscular excitation and contraction.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 calcium sequestration associated with muscular excitation and contraction. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-ATP2A3 antibody	Polyclonal; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	28373103
NCBI GeneID	489
NCBI Accession #	NP_005164
NCBI GenBank Nucleotide #	NM_005173
UniProt Accession #	Q93084
Molecular Weight	109kDa
NCBI Official Full Name	sarcoplasmic/endoplasmic reticulum calcium ATPase 3 isoform a
NCBI Official Synonym Full Names	ATPase sarcoplasmic/endoplasmic reticulum Ca2+ transporting 3
NCBI Official Symbol	ATP2A3
NCBI Official Synonym Symbols	SERCA3
NCBI Protein Information	sarcoplasmic/endoplasmic reticulum calcium ATPase 3
UniProt Protein Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3
UniProt Gene Name	ATP2A3
UniProt Synonym Gene Names	SERCA3; SR Ca(2+)-ATPase 3
UniProt Entry Name	AT2A3_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.