

Rabbit anti-Mouse, Rat ATP2A2/SERCA2 Polyclonal Antibody | anti-ATP2A2/SERCA2 antibody

ATP2A2/SERCA2 Polyclonal Antibody

CATALOG # AAA311049	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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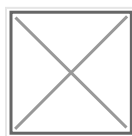
PRODUCT SYNONYMS

ATP2A2/SERCA2; Polyclonal Antibody; ATP2A2/SERCA2 Polyclonal Antibody; ATP2A2; ATP2B; DAR; DD; SERCA2; sarcoplasmic/endoplasmic reticulum calcium ATPase 2; anti-ATP2A2/SERCA2 antibody

PRODUCT SPECIFICATIONS

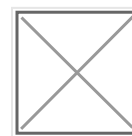
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.5
Applicable Applications for anti-ATP2A2/SERCA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ATP2A2/ SERCA2 (NP_733765.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



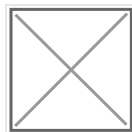
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using ATP2A2/ SERCA2 antibody.



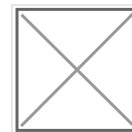
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using ATP2A2/ SERCA2 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using ATP2A2/ SERCA2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ATP2A2/ SERCA2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP2A2/SERCA2 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 into the sarcoplasmic reticulum lumen, and is involved in regulation of the contraction/relaxation cycle. Mutations in this gene cause Darier-White disease, also known as keratosis follicularis, an autosomal dominant skin disorder characterized by loss of adhesion between epidermal cells and abnormal keratinization. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-ATP2A2/SERCA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24638454
NCBI GeneID	488
NCBI Accession #	NP_733765.1
NCBI GenBank Nucleotide #	NM_170665.3
UniProt Accession #	P16615; P16614; Q86VJ2; A6NDN7; B4DF05
Molecular Weight	114,757 Da
NCBI Official Full Name	sarcoplasmic/endoplasmic reticulum calcium ATPase 2 isoform b
NCBI Official Synonym Full Names	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
NCBI Official Symbol	ATP2A2
NCBI Official Synonym Symbols	DD; DAR; ATP2B; SERCA2; FLJ20293; FLJ38063; MGC45367; DKFZp686P0211
NCBI Protein Information	sarcoplasmic/endoplasmic reticulum calcium ATPase 2; calcium pump 2; SR Ca(2+)-ATPase 2; cardiac Ca2+ ATPase; endoplasmic reticulum class 1/2 Ca(2+) ATPase; ATPase, Ca++ dependent, slow-twitch, cardiac muscle-2; calcium-transporting ATPase sarcoplasmic re
UniProt Protein Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
UniProt Gene Name	ATP2A2
UniProt Synonym Gene Names	ATP2B; SERCA2
UniProt Entry Name	AT2A2_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/atp2a2-serca2-antibody-immunohistochemistry-western-blot-elisa/311049>