

Goat SERCA2/ATP2A2 Polyclonal Antibody | anti-ATP2A2 antibody

Goat anti-SERCA2/ATP2A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61737	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig	Western Blot, ELISA

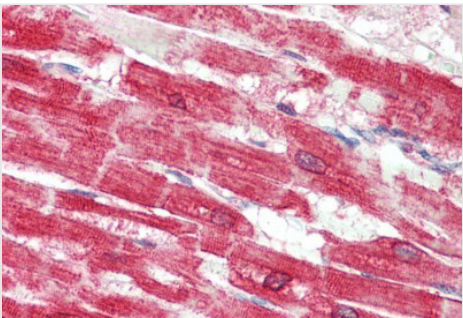
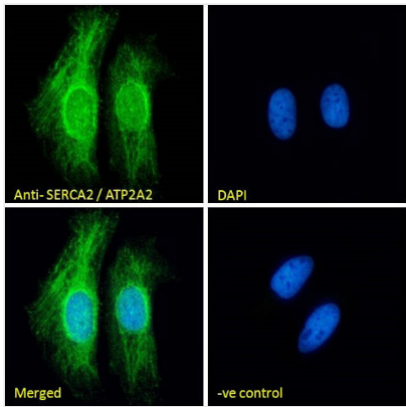
PRODUCT SYNONYMS

SERCA2/ATP2A2; Polyclonal Antibody; Goat anti-SERCA2/ATP2A2 Antibody; ATP2A2; ATPase; Ca⁺⁺ transporting; cardiac muscle; slow twitch 2; ATP2B; DAR; DD; DKFZp686P0211; FLJ20293; FLJ38063; MGC45367; SERCA2; Ca⁺⁺ dependent; slow-twitch; cardiac muscle-2; SR Ca(2⁺)-ATPase 2; calcium pump 2; calcium-transporting ATPase s; ATP2B antibody; cardiac muscle-2 antibody; slow twitch 2 antibody; calcium pump 2 antibody; calcium-transporting ATPase sarcoplasmic reticulum type; slow twitch skeletal muscle isoform antibody; cardiac Ca²⁺ ATPase antibody; DAR antibody; DD antibody; DKFZp686P0211 antibody; endoplasmic reticulum class 1/2 Ca(2⁺) ATPase antibody; FLJ20293 antibody; FLJ38063 antibody; MGC45367 antibody; sarcoplasmic/endoplasmic reticulum calcium ATPase 2 antibody; SERCA2 antibody; SR Ca(2⁺)-ATPase 2 antibody; ATP2A2 antibody; SERCA2 / ATP2A2; anti-ATP2A2 antibody

PRODUCT SPECIFICATIONS

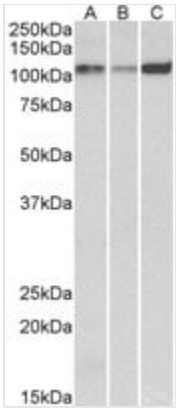
Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	DELNPSAQRD ACLN
Sequence Length	997
Applicable Applications for anti-ATP2A2 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence DELNPSAQRDACLN, from the internal region of the protein sequence according to NP_001672.1; NP_733765.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_001672.1; NP_733765.1).
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
5ug/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH6, AP-staining.

IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



WB (Western Blot)
0.1ug/ml) staining of Human (A), Mouse (B) and Rat (C) Heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502285
NCBI GeneID	488
NCBI Accession #	NP_001672.1; NP_733765.1
NCBI GenBank Nucleotide #	NM_001681.3
Molecular Weight	109,734 Da
NCBI Official Full Name	sarcoplasmic/endoplasmic reticulum calcium ATPase 2 isoform a
NCBI Official Synonym Full Names	ATPase sarcoplasmic/endoplasmic reticulum Ca2+ transporting 2
NCBI Official Symbol	ATP2A2
NCBI Official Synonym Symbols	DD; DAR; ATP2B; SERCA2
NCBI Protein Information	sarcoplasmic/endoplasmic reticulum calcium ATPase 2
UniProt Protein Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
UniProt Gene Name	ATP2A2

UniProt Synonym Gene Names	ATP2B; SERCA2; SR Ca(2+)-ATPase 2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/serca2-atp2a2-antibody-western-blot-peptide-elisa-elisa/61737>