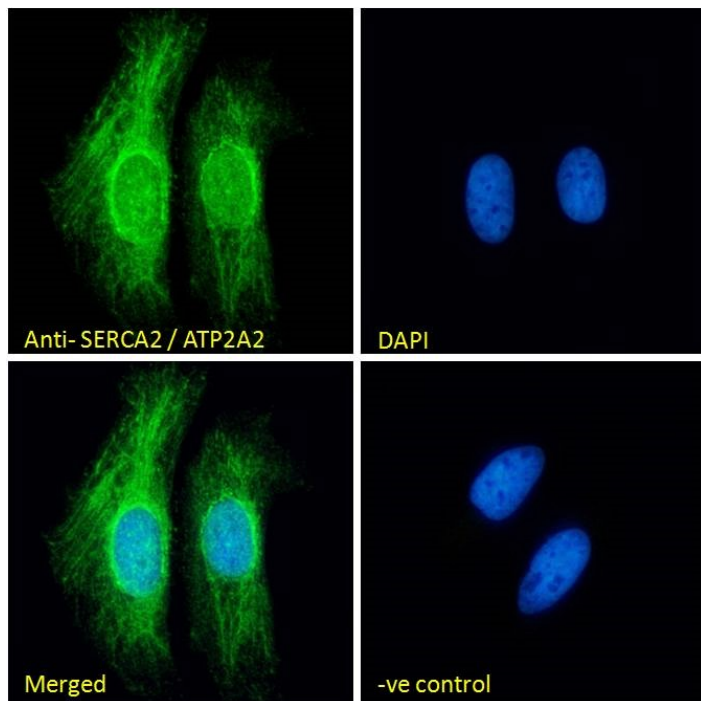


GOAT ANTI-SERCA2 / ATP2A2 ANTIBODY

SKU: EB11450



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / Alias Names ATP2A2| SR Ca(2+)-ATPase 2| SERCA2| sarcoplasmic/endoplasmic reticulum calcium ATPase 2| MGC45367| FLJ38063| FLJ20293| endoplasmic reticulum class 1/2 Ca(2+) ATPase| DKFZp686P0211| DD| DAR| cardiac Ca2+ ATPase| calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform| calcium pump 2| ATPase, Ca++ transporting, cardiac muscle, slow twitch 2| ATPase, Ca++ dependent, slow-twitch, cardiac muscle-2| ATP2B

Usage Summary Immunofluorescence: Strong expression of the protein seen in the endoplasmic reticulum of HeLa cells. Recommended concentration: 10µg/ml.

Accession ID NP_001672.1; NP_733765.1

Blocking Peptide EBP11450

Immunogen	Peptide with sequence DELNPSAQRDACLN, from the internal region of the protein sequence according to NP_001672.1; NP_733765.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_001672.1; NP_733765.1).
Peptide Sequence	DELNPSAQRDACLN
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig
Reactive Species	Human, Mouse, Rat
Human Gene ID	488
Mouse Gene ID	11938
Rat Gene ID	29693
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx. 110kDa band observed in Human, Mouse and Rat Heart lysates and in lysates of cell line A549, and approx. 100kDa in Mouse Smooth Muscle lysates (calculated MW of 110kDa according to Human NP_001672.1, Mouse NP_033852.1 and Rat NP_001103609.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IF, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

