

Telephone: (650) 697-3600

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

Storage

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

ATP2A2| SR Ca(2+)-ATPase 2| SERCA2| sarcoplasmic/endoplasmic reticulum calcium ATPase 2| MGC45367| Synonym / FLJ38063| FLJ20293| endoplasmic reticulum class 1/2 Ca(2+) ATPase| DKFZp686P0211| DD| DAR| cardiac Ca2+

Alias ATPase| calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform| calcium Names pump 2| ATPase, Ca++ transporting, cardiac muscle, slow twitch 2| ATPase, Ca++ dependent, slow-twitch, cardiac

muscle-2| ATP2B

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

Accession

NP 001672.1; NP 733765.1

Blocking Peptide

EBP11450





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Peptide with sequence DELNPSAQRDACLN, from the internal region of the protein sequence according to Immunogen NP_001672.1; NP_733765.1.

Product This antibody is expected to recognize both reported isoforms (NP_001672.1; NP_733765.1). **Comments**

Peptide

DELNPSAQRDACLN Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping Instructions

Refrigerated

Predicted

Human, Mouse, Rat, Dog, Pig

Species Reactive

Human, Mouse, Rat **Species**

Human

488 Gene ID

Mouse 11938 Gene ID

Rat Gene ID 29693

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite plus medium.png Grade

IHC Results Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.

ELISA

Detection Antibody detection limit dilution 1:128000.

Limit

Type

Approx. 110kDa band observed in Human, Mouse and Rat Heart lysates and in lysates of cell line A549, and approx.

Western 100kDa in Mouse Smooth Muscle lysates (calculated MW of 110kDa according to Human NP_001672.1, Mouse Blot NP_033852.1 and Rat NP_001103609.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at

room temperature.

Application

Pep-ELISA, WB, IF, IHC

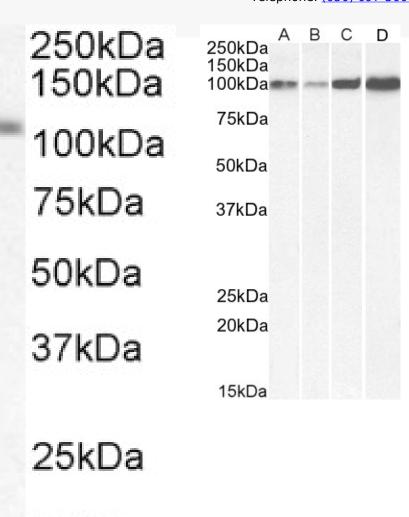
GALLERY IMAGES



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20kDa

15kDa





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