

SERCA2 ATPASE RABBIT MAB

Cat.#: N262884

Product Name: Anti-SERCA2 ATPase Rabbit Monoclonal Antibody

Synonyms: ATP2A2; ATP2B; Sarcoplasmic/endoplasmic reticulum calcium ATPase 2; SERCA2; SR Ca(2+)-ATPase 2; Calcium pump 2; Calcium-transporting ATPase sarcoplasmic reticulum type; slow twitch skeletal muscle isoform; Endoplasmic reticulum class 1/2 Ca(2+) ATPase

UNIPROT ID: P16615

Background: This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen. Isoform 2 is involved in the regulation of the contraction/relaxation cycle.

Immunogen: A synthetic peptide of human SERCA2 ATPase

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R09-1G2

MW: Calculated MW: 115 kDa; Observed MW: 115 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

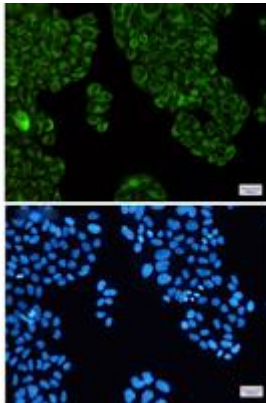
Conjugation: Unconjugated

Modification: Unmodified

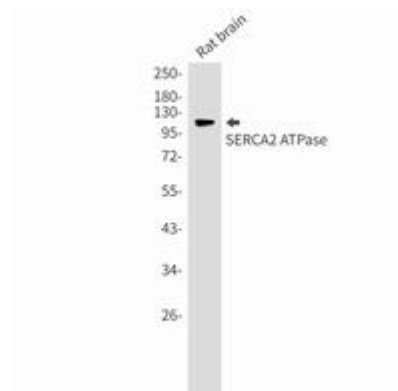
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

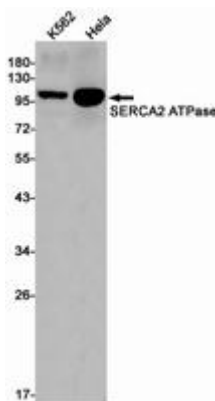
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



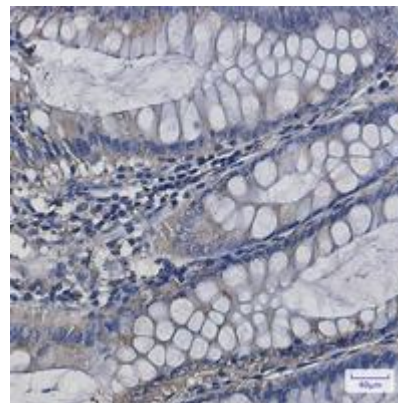
Immunocytochemistry analysis of SERCA2 ATPase (green) in Hela using SERCA2 ATPase antibody, and DAPI (blue)



Western blot analysis of SERCA2 ATPase in rat brain lysates using SERCA2 ATPase antibody.



Western blot analysis of SERCA2 ATPase in K562, Hela lysates using SERCA2 ATPase antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using SERCA2 ATPase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.