Product Name: **SERCA2 ATPase Rabbit Monoclonal antibody**
Catalog #: **AMRe02588**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.16mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 115 kDa; Observed MW: 115 kDa

Antigen Information

Gene Name	ATP2A2
Alternative Names	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
Gene ID	488
SwissProt ID	P16615
Immunogen	A synthetic peptide of human SERCA2 ATPase

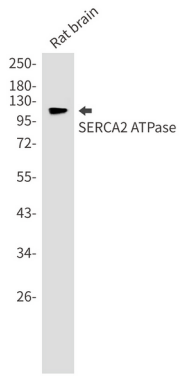
Background

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.

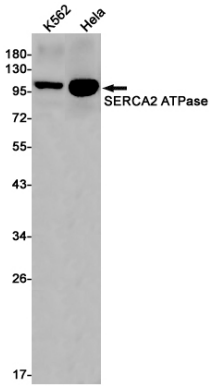
Research Area

Neuroscience

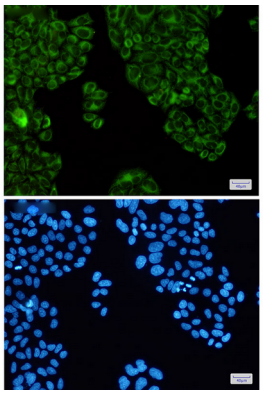
Image Data



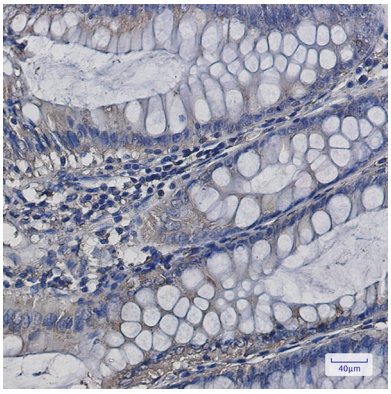
Western blot analysis of SERCA2 ATPase in rat brain lysates using SERCA2 ATPase antibody.



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



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



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.