

产品名称: SERCA2 (13M14) Rabbit Monoclonal Antibody
产品货号: AMRe17748



产品概述 (Summary)

产品名称 (Production Name)	SERCA2 (13M14) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATP2A2
别名 (Alternative Names)	SERCA2; Calcium pump 2; ATP2B;
基因 ID (Gene ID)	488.0
蛋白 ID (SwissProt ID)	P16615.A synthetic peptide of human SERCA2 ATPase

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:10000,IHC 1:20-1:100,ICC/IF 1:20-1:50,FC 1:20-1:100
蛋白分子量 (Molecular Weight)	115kDa

研究背景 (Background)

This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the

产品名称: SERCA2 (13M14) Rabbit Monoclonal Antibody
产品货号: AMRe17748

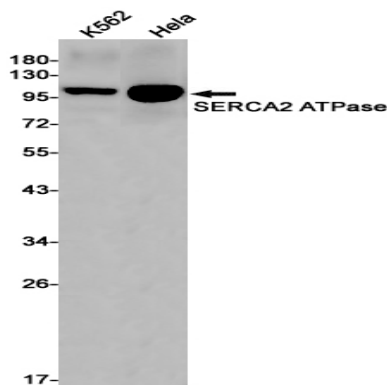


cytosol to the sarcoplasmic reticulum lumen. Isoform 2 is involved in the regulation of the contraction/relaxation cycle. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen (PubMed: [16402920](http://www.uniprot.org/citations/16402920)). Involved in autophagy in response to starvation. Upon interaction with VMP1 and activation, controls ER-isolation membrane contacts for autophagosome formation (PubMed: [28890335](http://www.uniprot.org/citations/28890335)). Also modulates ER contacts with lipid droplets, mitochondria and endosomes (PubMed: [28890335](http://www.uniprot.org/citations/28890335)).

研究领域 (Research Area)

Neuroscience

图片 (Image Data)



Western blot detection of SERCA2 ATPase in K562, HeLa cell lysates using SERCA2 ATPase antibody (1:1000 diluted).

注意事项 (Note)

For research use only.