

SERCA2 ATPase Recombinant Rabbit mAb

Catalog: BS45217

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes one of the SERCA Ca(2+)-ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol into the sarcoplasmic reticulum lumen, and is involved in regulation of the contraction/relaxation cycle. Mutations in this gene cause Darier-White disease, also known as keratosis follicularis, an autosomal dominant skin disorder characterized by loss of adhesion between epidermal cells and abnormal keratinization. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2008]

Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

115 kDa

Swiss-Prot:

P16615

Purification&Purity:

Affinity Purification

Applications:

WB: 1:2000-1:10000
IHC: 1:20
ICC/IF: 1:50
FC: 1:20-1:100

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



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

Note:

For research use only, not for use in diagnostic procedure.

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