

SERC2 Antibody

Catalog No: #34036

Package Size: #34036-1 50ul #34036-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

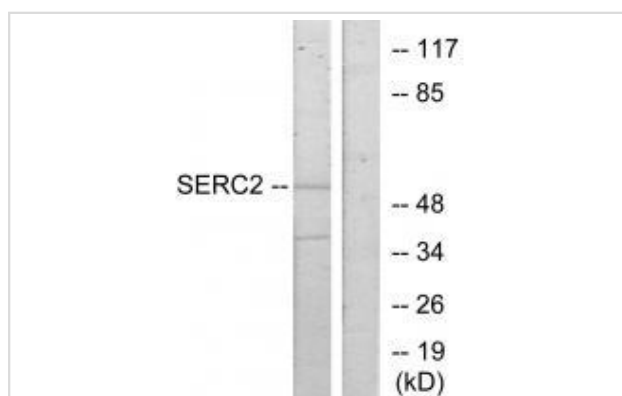
Product Name	SERC2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total SERC2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human SERC2.
Target Name	SERC2
Other Names	Serine incorporator 2; Tumor differentially expressed 2-like; SERINC2; TDE2L; FKSG84
Accession No.	Swiss-Prot: Q96SA4NCBI Gene ID: 347735
Uniprot	Q96SA4
GeneID	347735;
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

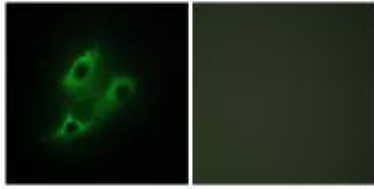
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from HeLa cells, using SERC2 antibody #34036.

Immunofluorescence analysis of NIH/3T3 cells, using SERC2 antibody #34036.



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.

Wang Y.-G., Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.

Clark H.F., Genome Res. 13:2265-2270(2003).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only