Datasheet for ABIN7268510

anti-MICAL-Like 1 antibody (AA 614-863)

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1 Image

Overview

Quantity:	100 µL
Target:	MICAL-Like 1 (MICALL1)
Binding Specificity:	AA 614-863
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MICAL-Like 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	MICALL1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 614-863 of human MICALL1 (NP_203744.1).
Sequence:	VPSPGSSSPQ LQVKSSCKEN PFNRKPSPAA SPATKKATKG SKPVRPPAPG HGFPLIKRKV QADQYIPEED IHGEMDTIER RLDALEHRGV LLEEKLRGGL NEGREDDMLV DWFKLIHEKH LLVRRESELI YVFKQQNLEQ RQADVEYELR CLLNKPEKDW TEEDRAREKV LMQELVTLIE QRNAIINCLD EDRQREEEED KMLEAMIKKK EFQREAEPEG KKKGKFKTMK MLKLLGNKRD AKSKSPRDKS
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification:	Affinity purification

Target Details

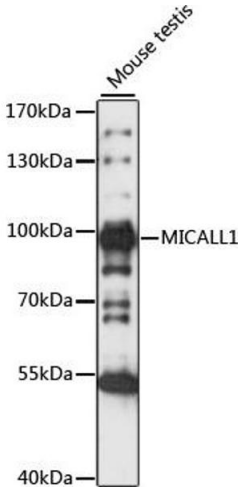
Target:	MICAL-Like 1 (MICALL1)
Alternative Name:	MICALL1 (MICALL1 Products)
Background:	Probable lipid-binding protein with higher affinity for phosphatidic acid, a lipid enriched in recycling endosome membranes. On endosome membranes, may act as a downstream effector of Rab proteins recruiting cytosolic proteins to regulate membrane tubulation. May be involved in a late step of receptor-mediated endocytosis regulating for instance endocytosed-EGF receptor trafficking. Alternatively, may regulate slow endocytic recycling of endocytosed proteins back to the plasma membrane. May indirectly play a role in neurite outgrowth.,MICALL1,MICAL-L1,MIRAB13,Signal Transduction,G protein signaling,Signal Transduction,MICALL1
Molecular Weight:	93kDa
Gene ID:	85377
UniProt:	Q8N3F8

Application Details

Application Notes:	WB,1:200 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse testis, using MIC antibody (ABIN7268510) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30S.

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