Datasheet for ABIN7268515

anti-MICAL1 antibody (AA 718-1067)

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1 Image

Overview

Quantity:	100 µL
Target:	MICAL1
Binding Specificity:	AA 718-1067
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MICAL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	MICAL1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 718-1067 of human MICAL1 (NP_073602.3).
Sequence:	HRSCFRCHTC EATLWPGGYE QHPGDGHFYC LQHLPQTDHK AEGSDRGPES PELPTPSENS MPPGLSTPTA SQEGAGPVPD PSQPTRRQIR LSSPERQRLS SLNLTPDPEM EPPPKPPRSC SALARHALES SFVGWGLPVQ SPQALVAMEK EEKESPFSSE EEEEDVPLDS DVEQALQTFA KTSGTMNNYP TWRRTLLRRA KEEEMKRFCK AQTIQRRLNE IEAALRELEA EGVKLELALR RQSSSPEQQK KLWVGQLLQL VDKKNSLVAE EAELMITVQE LNLEEKQWQL DQELRGYMNR EENLKTAADR QAEDQVLRKL VDLVNQRDAL IRFQEERRLS ELALGTGAQG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse

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Product Details

Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	MICAL1
Alternative Name:	MICAL1 (MICAL1 Products)
Background:	This gene encodes an enzyme that oxidizes methionine residues on actin, thereby promoting depolymerization of actin filaments. This protein interacts with and regulates signalling by NEDD9/CAS-L (neural precursor cell expressed, developmentally down-regulated 9). Alternative splicing results in multiple transcript variants.,MICAL1,MICAL,MICAL-1,NICAL,Cell Biology & Developmental Biology,Cytoskeleton,Actins,Neuroscience,MICAL1
Molecular Weight:	37kDa/108kDa/117kDa/119kDa
Gene ID:	64780
UniProt:	Q8TDZ2

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.

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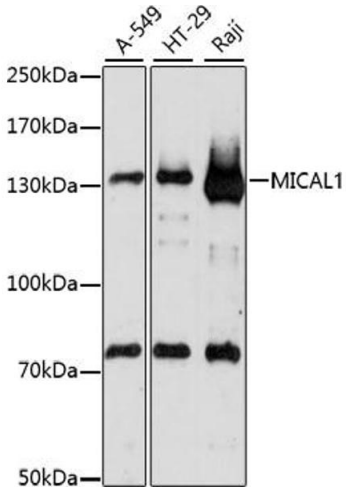

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using MIC antibody (ABIN7268515) 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: 90s.

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