

For Research Use Only

Marcksl1 Polyclonal antibody

Catalog Number:10002-2-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

10002-2-AP

Size:

150ul , Concentration: 300 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC006757

GeneID (NCBI):

17357

UNIPROT ID:

P28667

Full Name:

MARCKS-like 1

Calculated MW:

40 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue,

Background Information

MacMARCKS is a member of MARCKS family of PKC substrate. It is widely used in the signal transduction studies as an indicator of PKC activation. The protein has a calculated molecular weight of 20 kDa and an apparent molecular weight of 42-45 kDa in different species on SDS PAGE. MacMARCKS functions in many aspects of cell physiology including integrin activation, cell spreading and phagocytosis. Its functions are thought to associate with its ability in binding and regulating actin and microtubule cytoskeleton. Current evidence indicated that this protein also involved controls membrane fluidity and molecular mobility of membrane proteins

Notable Publications

Author	Pubmed ID	Journal	Application
Soham Chanda	31155484	Cell Stem Cell	IF
Zhenzhen Chen	29588366	J Biol Chem	WB,IHC
Wang Jun J	17593529	Clin Exp Metastasis	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

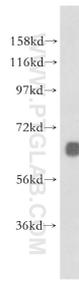
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10002-2-AP (Marcksl1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.