

For Research Use Only

MARCKS Polyclonal antibody

Catalog Number: 51087-1-AP



Basic Information

Catalog Number:

51087-1-AP

Size:

150ul , Concentration: 200 ug/ml by Nanodrop and 147 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC089040

GeneID (NCBI):

4082

UNIPROT ID:

P29966

Full Name:

myristoylated alanine-rich protein kinase C substrate

Calculated MW:

32 kDa

Observed MW:

32 kDa, 80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse brain tissue,

Background Information

MARCKS(Myristoylated alanine-rich C-kinase substrate, 32 kDa) is also named as MACS, PRKCSL and belongs to the MARCKS family. It is also named as protein kinase C substrate(80 kDa protein, light chain). MARCKS is a filamentous actin-crosslinking protein that appears to function as an integrator of protein kinase C and calcium (Ca²⁺)/calmodulin signals in the regulation of actin-membrane interactions. This protein can be phosphorylated by PKC displaces MARCKS from the membrane.

Storage

Storage:

Store at -20°C.

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

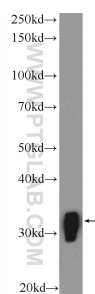
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 51087-1-AP (MARCKS Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.