

For Research Use Only

Phospho-Marcksl1 (Ser93/104) Polyclonal antibody

Catalog Number: 10018-3-AP

5 Publications



Basic Information

Catalog Number:

10018-3-AP

Size:

100ul, Concentration: 392 ug/ml by Nanodrop and 392 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC046601

GeneID (NCBI):

17118

UNIPROT ID:

P26645

Full Name:

myristoylated alanine rich protein kinase C substrate

Calculated MW:

32 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

mouse

Cited Species:

human, rat, bovine

Positive Controls:

WB : RAW 264.7 cells,

Background Information

MARCKS is a member of MARCKS family of PKC substrate and it is also a widely accepted indicator of PKC activation. It shows a ubiquitous tissue distribution. The calculated molecular weight of MARCKS is 39 kDa and its apparent molecular weights were found at 68 kDa to 90 kDa in different species. This protein is a known to regulated cytoskeleton remodeling and membrane recycling. This antibody is raised against phospho-Marcksl1 (geneID:17357) with S93/S104 phosphorylated. Because of the sequence similarity, this antibody can recognize phospho-Marcksl1 and phospho-Marcks.

Notable Publications

Author	Pubmed ID	Journal	Application
Fiala Milan M	19440461	Open Virol J	WB
Peng Y-J YJ	19369559	J Neurosci	WB
Jin Benjamin Y BY	22927426	Proc Natl Acad Sci U S A	WB

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

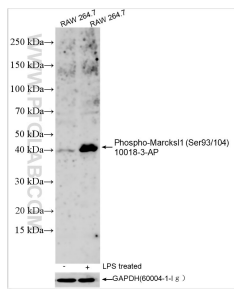
For technical support and original validation data for this product please contact:

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Selected Validation Data



Non-treated and LPS treated RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 10018-3-AP (Phospho-Marcks1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as loading control.