

For Research Use Only

# MARCKS Polyclonal antibody

Catalog Number: 51087-1-AP



## Basic Information

<b>Catalog Number:</b> 51087-1-AP	<b>GenBank Accession Number:</b> BC089040	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 µg/ml by Nanodrop and 147 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4082	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> myristoylated alanine-rich protein kinase C substrate	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 32 kDa	
	<b>Observed MW:</b> 32 kDa, 80 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue,
<b>Species Specificity:</b> human, mouse	

## Background Information

MARCKS(Myristoylated alanine-rich C-kinase substrate, 32 kDa ) is also named as MACS, PRKCSSL 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 (Ca<sup>2+</sup>)/calmodulin signals in the regulation of actin-membrane interactions. This protein can be Phosphorylated by PKC displaces MARCKS from the membrane.

## Storage

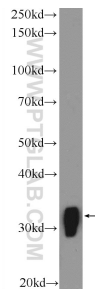
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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.