

# MARCKS Polyclonal antibody

Catalog Number: 51087-1-AP

## Basic Information

**Catalog Number:**

51087-1-AP

**Size:**

200 µg/ml

**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 (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:**

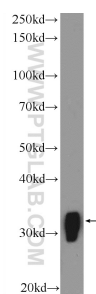
Store at -20°C.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## 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.