

MARCKS Polyclonal Antibody

Catalog No: #27245

Package Size: #27245-1 50ul #27245-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

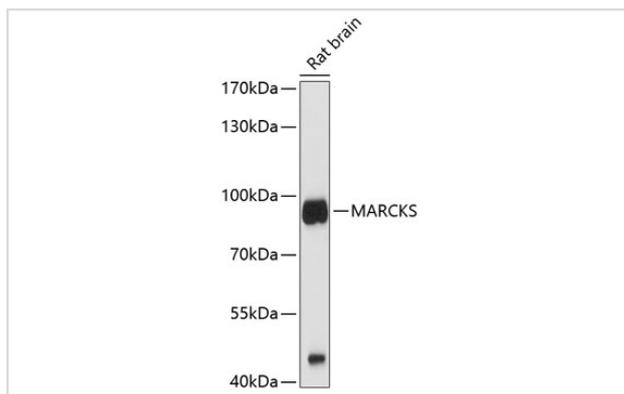
Description

Product Name	MARCKS Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human MARCKS (NP_002347.5).
Other Names	MARCKS;80K-L;MACS;PKCSL;PRKCSL
Accession No.	Uniprot:P29966GeneID:4082
Calculated MW	80kDa
SDS-PAGE MW	80kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

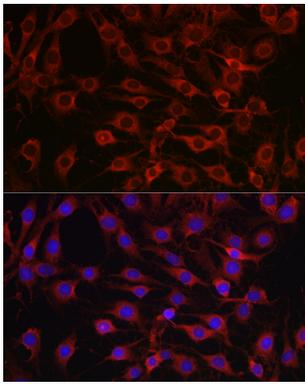
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

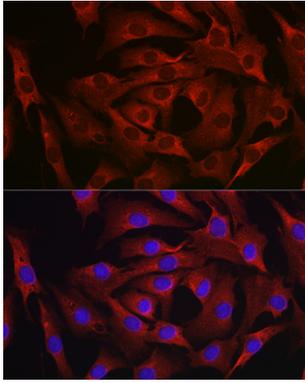
Images



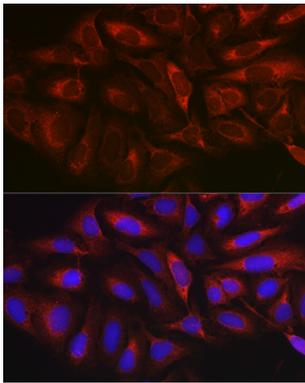
Western blot analysis of extracts of rat brain, using MARCKS antibody.



Immunofluorescence analysis of C6 cells using MARCKS Rabbit pAb.



Immunofluorescence analysis of NIH-3T3 cells using MARCKS Rabbit pAb.



Immunofluorescence analysis of U-2 OS cells using MARCKS Rabbit pAb.

Background

The protein encoded by this gene is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane, leading to its presence in the cytoplasm. The protein is thought to be involved in cell motility, phagocytosis, membrane trafficking and mitogenesis.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.