

For Research Use Only

Marcksl1 Polyclonal antibody

Catalog Number: 10002-2-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 10002-2-AP	GenBank Accession Number: BC006757	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 300 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 17357	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: MARCKS-like 1	
Isotype: IgG	Calculated MW: 40 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: mouse brain tissue,
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, mouse	

Background Information

MacMARCKS is a member of MARCKS family of PKC substrate. It is widely used in the signal transduction studies as an indicator of PKC activation. The protein has a calculated molecular weight of 20 kDa and an apparent molecular weight of 42-45 kDa in different species on SDS PAGE. MacMARCKS functions in many aspects of cell physiology including integrin activation, cell spreading and phagocytosis. Its functions are thought to associate with its ability in binding and regulating actin and microtubule cytoskeleton. Current evidence indicated that this protein also involved controls membrane fluidity and molecular mobility of membrane proteins

Notable Publications

Author	Pubmed ID	Journal	Application
Soham Chanda	31155484	Cell Stem Cell	IF
Zhenzhen Chen	29588366	J Biol Chem	WB, IHC
Wang Jun J	17593529	Clin Exp Metastasis	IHC

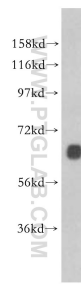
Storage

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

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)
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10002-2-AP (Marcksl1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.