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Anti-MARCKS Antibody

Our Anti-MARCKS primary antibody from PhosphoSolutions is chicken polyclonal. It detects human MARCK
Catalog # AN1439

Product Information

Application	WB, IHC, ICC
Primary Accession	P29966
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Calculated MW	31555

Additional Information

Gene ID	4082
Other Names	80 kDa protein antibody, 80K L antibody, 80K L protein antibody, 80K-L protein antibody, 80KL antibody, 81 kDa protein, light chain antibody, light chain antibody, MACS antibody, MARCKS antibody, MARCS antibody, MARCS_HUMAN antibody, MGC52672 antibody, myristoylated alanine rich C kinase substrate antibody, Myristoylated alanine rich protein kinase C substrate (MARCKS, 80K L) antibody, Myristoylated alanine rich protein kinase C substrate antibody, Myristoylated alanine-rich C-kinase substrate antibody, Phosphomyristin antibody, PKCSL antibody, PRKCSL antibody, protein kinase C substrate 80 kDa protein light chain antibody, Protein kinase C substrate antibody
Target/Specificity	Myristoylated Alanine-Rich C Kinase Substrate (MARCKS) is a major substrate for phosphorylation by protein kinase C (PKC) (Ouimet et al.,1990) and is concentratedin synapses of neurons. It appears to function in synaptic vesicle cycling and has been shown to bind both actin and calmodulin in vitro (Hartwig et al. 1992). Deletion of the MARCKS gene in mice results in embryonic brain defects and death (Stumpo et al.1995). MARCKS is a member of a family of calmodulin binding proteins and phosphorylation of Ser-152/156 modulates the binding of MARCKS to calmodulin (Verghese et al., 1994).
Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Format	Total IgY fraction
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-MARCKS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.