

Rabbit MARCKS Polyclonal Antibody | anti-MARCKS antibody

MARCKS antibody - C-terminal region

CATALOG # AAA201010	HOST Rabbit	REACTIVITY Cow, Human, Rabbit	APPLICATIONS Western Blot
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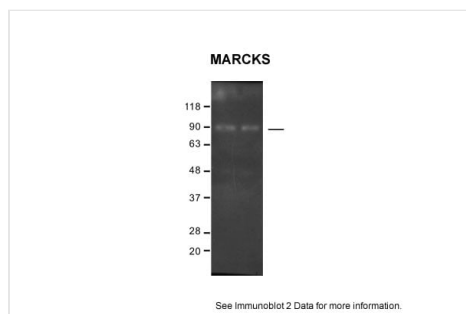
PRODUCT SYNONYMS

MARCKS; Polyclonal Antibody; MARCKS antibody - C-terminal region; anti-MARCKS antibody

PRODUCT SPECIFICATIONS

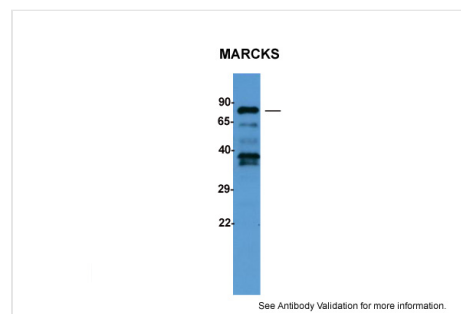
Host	Rabbit
Reactivity	Cow, Human, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EE GAAGGDPQEA KPQEAAVAPE KPPASDETKA AEPSKVEEK KAEAGAS
Sequence Length	332
Applicable Applications for anti-MARCKS antibody	WB (Western Blot)
Homology	Cow: 93%; Human: 100%; Rabbit: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human MARCKS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

MARCKS antibody - C-terminal region validated by WB using SH-SY5Y cell lysate. MARCKS is strongly supported by BioGPS gene expression data to be expressed in Human SH-SY5Y cells



WB (Western Blot)

Sample Type: Human SH-SY5Y cells 2.0x10⁵ cells
Primary dilution: 1:2500
Secondary Antibody: HRP-conjugated goat anti-rabbit IgG
Secondary dilution: 1:5000
Image Submitted by: Atsuhiko Tanabe
Pharma Sci Kitasato University

ADDITIONAL INFORMATION

Related Product Information for anti-MARCKS antibody	This is a rabbit polyclonal antibody against MARCKS. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-MARCKS antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Mitochondria

NCBI AND UNIPROT INFORMATION

NCBI GI #	153070260
NCBI GeneID	4082
NCBI Accession #	NP_002347
NCBI GenBank Nucleotide #	NM_002356
UniProt Accession #	P29966
Molecular Weight	31kDa
NCBI Official Full Name	myristoylated alanine-rich C-kinase substrate
NCBI Official Synonym Full Names	myristoylated alanine rich protein kinase C substrate
NCBI Official Symbol	MARCKS
NCBI Official Synonym Symbols	MACS; 80K-L; PKCSL; PRKCSL
NCBI Protein Information	myristoylated alanine-rich C-kinase substrate
UniProt Protein Name	Myristoylated alanine-rich C-kinase substrate
UniProt Gene Name	MARCKS
UniProt Synonym Gene Names	MACS; PRKCSL; MARCKS; 80K-L protein; PKCSL
UniProt Entry Name	MARCS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.