

Rabbit MARCKS Polyclonal Antibody | anti-MARCKS antibody

Phospho-MARCKS (Ser170) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328441	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Rabbit, Chicken, Xenopus	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MARCKS; Polyclonal Antibody; Phospho-MARCKS (Ser170) Antibody; 80 kDa protein; 80K L; 80K L protein; 80K-L protein; 80KL; 81 kDa protein; light chain; MACS; MARCS; MARCS_HUMAN; MGC52672; myristoylated alanine rich C kinase substrate; Myristoylated alanine rich protein kinase C substrate (MARCKS; 80K L); Myristoylated alanine rich protein kinase C substrate; Myristoylated alanine-rich C-kinase substrate; Phosphomyristin; PKCSL; PRKCSL; protein kinase C substrate 80 kDa protein light chain; Protein kinase C substrate; anti-MARCKS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Rabbit, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-MARCKS (Ser170) Antibody detects endogenous levels of MARCKS only when phosphorylated at Ser170.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	332
Applicable Applications for anti-MARCKS antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MARCKS around the phosphorylation site of Ser170.
Subcellular Location	Cytoskeleton
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse brain tissue sample, using Phospho-MARCKS (Ser170) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining human lung cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-MARCKS antibody	Description: MARCKS is the most prominent cellular substrate for protein kinase C. This protein binds calmodulin, actin, and synapsin. MARCKS is a filamentous (F) actin cross-linking protein. Post Translational Modifications: Phosphorylation by PKC displaces MARCKS from the membrane. It also inhibits the F-actin cross-linking activity. Similarity: Belongs to the MARCKS family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153070260
NCBI GeneID	4082
NCBI Accession #	NP_002347.5
NCBI GenBank Nucleotide #	NP_002347.5
UniProt Accession #	P29966
Molecular Weight	Observed: 31 kDa Predicted: 32 kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/marcks-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328441>