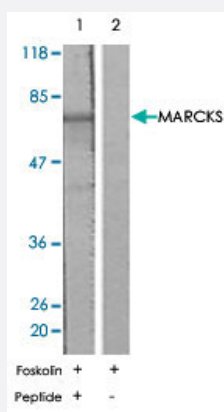# MARCKS polyclonal antibody

Catalog #   PAB26804   Size   100 ug

Applications

Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 using MARCKS polyclonal antibody (Cat # PAB26804).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MARCKS.
Immunogen	A synthetic peptide corresponding to residues surrounding S158 of human MARCKS.
Sequence	R-F-Sp-F-K
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of extracts from NIH/3T3 using MARCKS polyclonal antibody (Cat # PAB26804).

Gene Info — MARCKS

Entrez GeneID	4082
Protein Accession#	P29966
Gene Name	MARCKS
Gene Alias	80K-L, FLJ14368, FLJ90045, MACS, PKCSL, PRKCSL
Gene Description	myristoylated alanine-rich protein kinase C substrate
Omim ID	177061
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	OTTHUMP00000017045|myristoylated alanine-rich protein kinase C substrate (MARCKS, 80K-L)|phosphomyristin

Pathway

- Fc gamma R-mediated phagocytosis