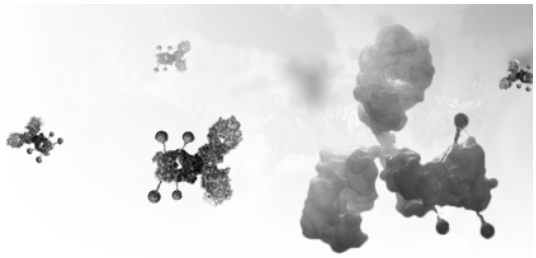

Anti-MARCKS (aa 2-65) polyclonal antibody (DPAB-DC1883)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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.
Immunogen	MARCKS (NP_002347, 2 a.a. ~ 65 a.a) partial recombinant protein with GST tag. The sequence is GAQFSKTAAKGEAAAERPGEAAVASSPSKANGQENGHVKVNGDASPAAAESGAKEELQAN GSAP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	MARCKS myristoylated alanine-rich protein kinase C substrate [Homo sapiens (human)]
Official Symbol	MARCKS
Synonyms	MARCKS; myristoylated alanine-rich protein kinase C substrate; MACS; 80K-L; PKCSL; PRKCSL; myristoylated alanine-rich C-kinase substrate; phosphomyristin; protein kinase C substrate, 80 kDa protein, light chain; myristoylated alanine-rich protein kinase C substrate (MARCKS, 80K-L);
Entrez Gene ID	4082
Protein Refseq	NP_002347
UniProt ID	P29966
Chromosome Location	6q22.2
Pathway	Acetylcholine regulates insulin secretion; Fc gamma R-mediated phagocytosis; Integration of energy metabolism; MicroRNAs in cancer
Function	actin filament binding; calmodulin binding; protein kinase C binding;

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