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Phospho-MARCKS (Ser167/170) Rabbit Polyclonal Antibody

Catalog #: EAB14457

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB	32	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000

Product Information

Conjugate	Unconjugate
Specificity	Phospho-MARCKS (Ser167/170) Rabbit Polyclonal Antibody detects endogenous levels of MARCKS protein only when phosphorylated at Ser167 and Ser170.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
UniProt ID	P29966
Entrez-Gene ID	4082

Product Descriotion

Myristoylated alanine-rich protein kinase C substrate (MARCKS), also designated 80K or 80K-L 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.