
MARCKS Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253169

Unit: 0.1 ml

Description:

Myristoylated Alanine-Rich C Kinase Substrate (MARCKS) is a major substrate for phosphorylation by protein kinase C (PKC) and is concentrated in synapses of neurons. MARCKS functions in synaptic vesicle cycling and has been shown to bind both actin and calmodulin in vitro. Deletion of the MARCKS gene in mice results in embryonic brain defects and death. MARCKS is a member of a family of calmodulin binding proteins and phosphorylation of Ser152/156 modulates the binding of MARCKS to calmodulin.

Isotype: Rabbit Ig

Applications: E, WB, IF

Species Reactivity: R

Format: Each vial contains 0.1 ml of crude serum with 0.09% sodium azide.

Alternate Names: Myristoylated alanine-rich C-kinase substrate; MARCKS; Protein kinase C substrate 80 kDa protein; Marcks; Macs

Accession No.: P30009

Antigen: Recombinant MARCKS expressed in E. coli.

Application Notes: E: 1:500-1:1,000; WB: 1:10,000; IF: 1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.