

Phospho-MARCKS-S170 Rabbit pAb

Catalog No.: AP0404 **1 Publications**

Basic Information

Observed MW

80kDa

Calculated MW

32kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4082

Swiss Prot

P29966

Immunogen

A phospho specific peptide corresponding to residues surrounding S170 of human MARCKS

Synonyms

MACS; 80K-L; PKCSL; PRKCSL; Phospho-MARCKS-S170

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

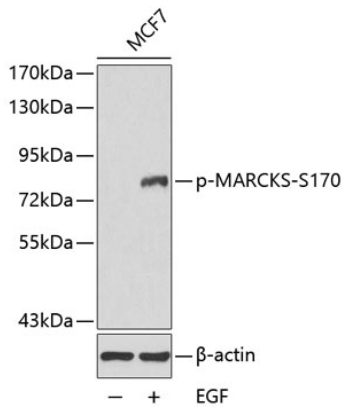
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts from MCF7 cells, using phospho-MARCKS-S170 antibody (AP0404).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.