Phospho-MARCKS-S158 Rabbit pAb

Catalog NO.: AP0402 **1 Publications**

Basic Information

Observed MW
85kDa

Calculated MW
32kDa

Category
Phosphorylated Antibodies

Applications
WB

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

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
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
MACS; 80K-L; PKCSL; PRKCSL; Phospho-MARCKS-S158

Contact

Product Information

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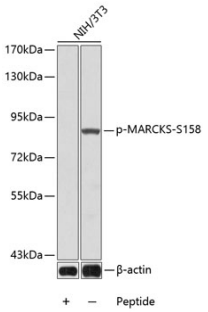
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from 3T3 cells using Phospho-MARCKS-S158 Rabbit pAb (AP0402).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.

For research use only. Not for therapeutic or diagnostic purposes.

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