

For Research Use Only

Phospho-Marcksl1 (Ser93/104) Polyclonal antibody

Catalog Number: 10018-3-AP **5 Publications**



Basic Information

| | | |
|--------------------------------------|---|--|
| Catalog Number: 10018-3-AP | GenBank Accession Number: BC046601 | Purification Method: Antigen affinity purification |
| Concentration: 392 ug/ml | GeneID (NCBI): 17118 | Recommended Dilutions: WB 1:500-1:1000 |
| Source: Rabbit | UNIPROT ID: P26645 | |
| Isotype: IgG | Full Name: myristoylated alanine rich protein kinase C substrate | |
| | Calculated MW: 32 kDa | |
| | Observed MW: 40 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : RAW 264.7 cells, |
| Cited Applications: WB | |
| Species Specificity: mouse | |
| Cited Species: human, rat, bovine | |

Background Information

MARCKS is a member of MARCKS family of PKC substrate and it is also a widely accepted indicator of PKC activation. It shows a ubiquitous tissue distribution. The calculated molecular weight of MARCKS is 39 kDa and its apparent molecular weights were found at 68 kDa to 90 kDa in different species. This protein is a known to regulated cytoskeleton remodeling and membrane recycling. This antibody is raised against phospho-Marcksl1 (geneID:17357) with S93/S104 phosphorylated. Because of the sequence similarity, this antibody can recognize phospho-Marcksl1 and phospho-Marcks.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------------|-----------|--------------------------|-------------|
| Fiala Milan M | 19440461 | Open Virol J | WB |
| Peng Y-J YJ | 19369559 | J Neurosci | WB |
| Jin Benjamin YBY | 22927426 | Proc Natl Acad Sci U S A | WB |

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

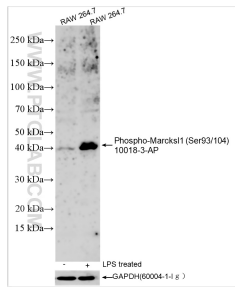
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Non-treated and LPS treated RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 10018-3-AP (Phospho-Marcks1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as loading control.