



# MARCKS, MARCKS (Ser152/156) Polyclonal Antibody

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### Box 1 | Basic Info

Cat. No.	ABP-PAB-21021
Animal ID	N/A
Host	Rabbit
Reactivity	Human, Mouse, Rat, Xenopus
Format	Affinity Purified
Accession number	N/A
Amount	100 µl

#### Alternative Name(s):

N/A

#### References:

1. Hartwig, JH et al. Nature (1992) 356:618-622.
2. Palmer RH et al. FEBS Letters (1996) 378:281-285.
3. Spizz G et al. J Biol Chem (1996) 271:553-562.

Myristoylated Alanine-Rich C Kinase Substrate (MARCKS) is a major substrate for phosphorylation by protein kinase C (PKC). The phosphorylation of Ser152,156 can be used as a measure of PKC activation. Moreover, MARCKS is a member of a family of calmodulin binding proteins. Phosphorylation of Ser152,156 modulates the binding of MARCKS to calmodulin.

#### Buffers

100 µl in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.

#### Immunogen

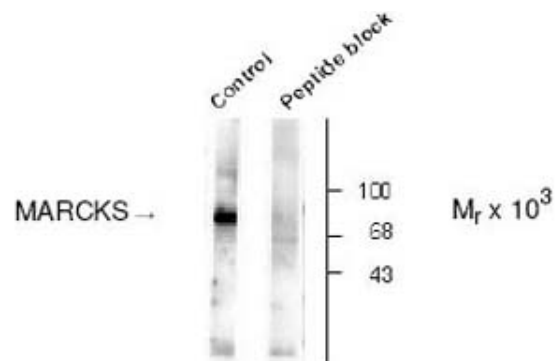
Synthetic phosphopeptide corresponding to amino acids residues surrounding the phospho Ser152,156 of rat MARCKS.

#### Application

WB: 1:1000

#### Storage

For long term storage -20°C is recommended. Stable at -20°C for at least 1 year.



Western blot of 10 g of rat brain lysate showing specific immunolabeling of the ~87k MARCKS protein phosphorylated at Ser152/156. Immunolabeling is blocked by the Ser152/156 phosphopeptide used as antigen. The corresponding non-phosphopeptide did not block the immunolabeling (not shown).