

Rabbit anti-Rat MARCKS (Ser152,156) Polyclonal Antibody | anti-MARCKS antibody

Anti-Phospho-Ser152,156 MARCKS

CATALOG # AAA72794	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Dot Blot, Western Blot
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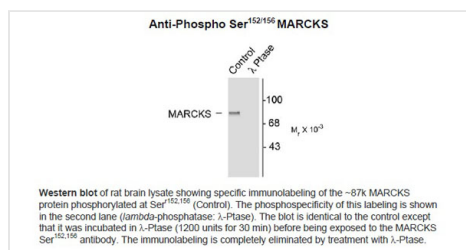
PRODUCT SYNONYMS

MARCKS (Ser152; 156); Polyclonal Antibody; Anti-Phospho-Ser152; 156 MARCKS; anti-MARCKS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	Specific for the ~87k MARCKS protein phosphorylated at Ser ¹⁵² and Ser ¹⁵⁶ in Western blots of rat brain homogenate. Immunolabeling is blocked by the Ser ^{152/156} phosphopeptide but not by the non-phosphopeptide. Human, mouse, rat and Xenopus have 100% amino acid sequence identity with the antigen used to raise the antibody.
Purity/Purification	Affinity Purified rabbit polyclonal antibody.
Form/Format	100 ul in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 ug per ml BSA and 50% glycerol. Adequate amount of material to conduct 10-mini Western Blots.
Sequence Length	309
Applicable Applications for anti-MARCKS antibody	DB (Dot Blot), WB (Western Blot)
Quality Control Tests	Western blots performed on each lot
Preparation and Storage	For long term storage -80°C is recommended, but shorter term storage at -20°C is also acceptable as aliquots may be taken without freeze/thawing due to the presence of 50% Glycerol. Stock solutions are stable for a minimum of 1 year at -20°C .

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-MARCKS antibody	Affinity purified rabbit polyclonal antibody
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References	• Ouimet CC, Wang JKT, Walaas SI, Albert KA, Greengard P (1990) Localization of the MARCKS (87 kDa) protein, a major specific substrate for protein kinase C, in rat brain. J Neurosci 10:1683-1698. • Palmer RH, Schönwasser DC, Rahman D, Pappin DJC, Herget T, Parker PJ (1996) PRK1 phosphorylates MARCKS at the PKC sites: Serine 152, serine 156 and serine 163. FEBS Lett 378:281-285. • Verghese GM, Johnson JD, Vasulka C, Haupt DM, Stumpo DJ, Blackshear PJ (1994) Protein kinase C-mediated phosphorylation and calmodulin binding of recombinant myristoylated alanine-rich C kinase substrate (MARCKS) and MARCKS-related protein. J Biol Chem 269:9361-9367.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	266495
NCBI GeneID	25603
UniProt Accession #	P30009; P20468
Molecular Weight	87
NCBI Official Full Name	Myristoylated alanine-rich C-kinase substrate
NCBI Official Synonym Full Names	myristoylated alanine rich protein kinase C substrate
NCBI Official Symbol	Marcks
NCBI Official Synonym Symbols	KINC; Macs
NCBI Protein Information	myristoylated alanine-rich C-kinase substrate; protein kinase C substrate 80 kDa protein; Myristoylated alanine-rich protein kinase C substrate
UniProt Protein Name	Myristoylated alanine-rich C-kinase substrate
UniProt Gene Name	Marcks
UniProt Synonym Gene Names	Macs; MARCKS
UniProt Entry Name	MARCS_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/marcks-ser152-156-antibody-dot-blot-western-blot-elisa/72794>