




Product datasheet

Anti-MARCKS antibody ab217695

1 Image

Overview

Product name	Anti-MARCKS antibody
Description	Rabbit polyclonal to MARCKS
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Rat Predicted to work with: Mouse, Human 
Immunogen	Synthetic peptide within Human MARCKS aa 1-100 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: P29966  Run BLAST with  Run BLAST with
Positive control	IHC-P- Rat brain tissue
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X Aqueous buffered solution

Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

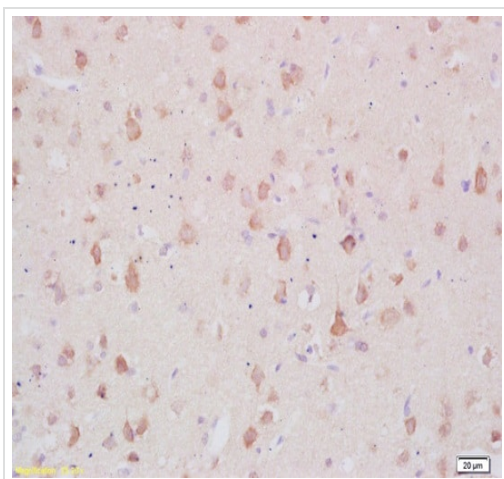
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab217695 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500.

Target

Function	MARCKS is the most prominent cellular substrate for protein kinase C. This protein binds calmodulin, actin, and synapsin. MARCKS is a filamentous (F) actin cross-linking protein.
Sequence similarities	Belongs to the MARCKS family.
Post-translational modifications	Phosphorylation by PKC displaces MARCKS from the membrane. It also inhibits the F-actin cross-linking activity.
Cellular localization	Cytoplasm > cytoskeleton. Membrane.

Images



Immunohistochemical analysis of formalin fixed, paraffin embedded Rat brain tissue labeling MARCKS with ab217695 at 1/200 followed by conjugation to the secondary antibody and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MARCKS antibody (ab217695)

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