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R MKP3 Antibody Blocking peptide

Catalog # BP8445a

Specification

R MKP3 Antibody Blocking peptide - Product Information

Primary Accession Q64346

R MKP3 Antibody Blocking peptide - Additional Information

Gene ID 116663

Other Names
Dual specificity protein phosphatase 6, 3.1.3.16, 3.1.3.48, Mitogen-activated protein kinase phosphatase 3, MAP kinase phosphatase 3, MKP-3, Dusp6, Mkp3

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

R MKP3 Antibody Blocking peptide - Protein Information

Name Dusp6

Synonyms Mkp3

Function
Inactivates MAP kinases. Has a specificity for the ERK family (PubMed:8626780). Implicated in muscle and neuronal differentiation (PubMed:8631996). Plays an important role in alleviating chronic postoperative pain. Necessary for the normal dephosphorylation of the long-lasting phosphorylated forms of spinal MAPK1/3 and MAP kinase p38 induced by peripheral surgery, which drives the resolution of acute postoperative allodynia (By similarity). Also important for dephosphorylation of MAPK1/3 in local wound tissue, which further contributes to resolution of acute pain (By similarity).

Cellular Location
Cytoplasm.

Tissue Location
Expressed in lung, heart, brain, and kidney, but not significantly in skeletal muscle or testis

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R MKP3 Antibody Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

R MKP3 Antibody Blocking peptide - Images