10320 Camino Santa Fe, Suite G
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Anti-MEK1/2 (Ser218,222) Antibody

Our Anti-MEK1/2 (Ser218,222) rabbit polyclonal phosphospecific primary antibody from PhosphoSolution

Catalog # AN1447

Specification

Anti-MEK1/2 (Ser218,222) Antibody - Product Information

Primary Accession	Q02750
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	43439

Anti-MEK1/2 (Ser218,222) Antibody - Additional Information

Gene ID	5604

Other Names

AA589381 antibody, CFC3 antibody, Dual specificity mitogen-activated protein kinase kinase 1 antibody, Dual specificity mitogen-activated protein kinase kinase 2 antibody, EC 2.7.12.2 antibody, ERK activator kinase 1 antibody, ERK activator kinase 2 antibody, FLJ26075 antibody, MAP kinase kinase 1 antibody, MAP kinase kinase 2 antibody, MAP2K1 antibody, MAP2K2 antibody, MAPK/ERK kinase 1 antibody, MAPK/ERK kinase 2 antibody, MAPKK 1 antibody, MAPKK1 antibody, MAPKK2 antibody, MEK 1 antibody, MEK1 antibody, MEKK1 antibody, Mitogen activated protein kinase kinase 1 antibody, Mitogen activated protein kinase kinase 2 antibody, Mitogen-activated protein kinase kinase 2, p45 antibody, MK2 antibody, MKK 1 antibody, MKK 2 antibody, MKK1 antibody, MKK2 antibody, MP2K1_HUMAN antibody, PRKMK 1 antibody, PRKMK 2 antibody, Prkmk1 antibody, Prkmk2 antibody, protein kinase, mitogen-activated, kinase 1 (MAP kinase kinase 1) antibody, Protein kinase, mitogen-activated, kinase 1 antibody, Protein kinase, mitogen-activated, kinase 2 antibody

Target/Specificity

MEK 1 (MAP Kinase Kinase, also known as MKK) is an integral component of the MAP kinase cascade that regulates cell growth and differentiation (Ahn, 1993; Chong et al., 2003). This pathway also plays a key role in synaptic plasticity in the brain (Adams and Sweatt, 2002). Activated MEK 1 acts as a dual specificity kinase phosphorylating both a threonine and a tyrosine residue on MAP kinase (Kyriakis et al., 1991; Seger et al., 1991; Crews et al., 1992).

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-MEK1/2 (Ser218,222) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

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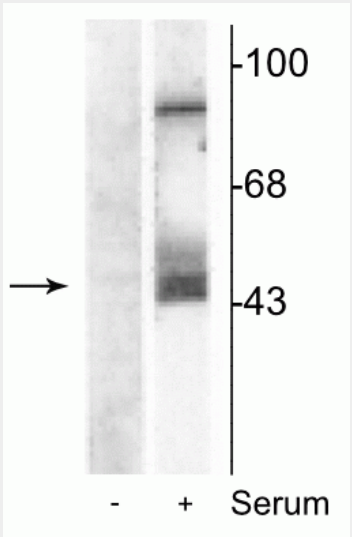
Anti-MEK1/2 (Ser218,222) Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MEK1/2 (Ser218,222) Antibody - Images



Western Blot of NIH 3T3 cell lysates showing specific immunolabeling of the ~45 kDa MEK 1/2 protein phosphorylated at Ser218 and Ser222. The cells were either serum starved (-) or incubated in the presence of serum (+). Immunolabeling of an additional band at ~95 kDa was also observed.

Anti-MEK1/2 (Ser218,222) Antibody - Background

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