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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

Product Information

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

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).
Dilution	WB~~1:1000
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

Background

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).