

Mek1/2 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10378**Specification**

Mek1/2 Antibody - Product Information

Application	WB
Primary Accession	Q02750.2
Other Accession	NP_002746.1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Mek1/2 Antibody - Additional Information

Application & Usage	Western blotting (1:500-1000). However, the optimal concentrations should be determined individually. The antibody recognizes 45 kDa Mek1/2 of human, mouse, and rat origins.
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Other Names

MAPK , Erk, Dual specificity mitogen-activated protein kinase kinase 1/2; MAP kinase kinase 1/2; MAPKK 1/2; ERK activator kinase 1/2; MAPK/ERK kinase 1/2; MEK 1/2

Target/Specificity

Mek 1/2

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µl purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% sodium azide.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Mek1/2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Mek1/2 Antibody - Protein Information

Mek1/2 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 Cytometry](#)
- [Cell Culture](#)

Mek1/2 Antibody - Images

Mek1/2 Antibody - Background

MAP kinase kinase 1 (Mek1), also known as mitogen activated protein kinase kinase, MAP kinase kinase, ERK kinase 1 or microtubule-associated protein 2 kinase, is a 43 kDa dual-specificity protein kinase that phosphorylates threonine and tyrosine residues on MAP kinases such as Erk 1 and 2. Mek1 and Mek2 are involved in a diverse array of cellular processes such as stress-activated response, apoptosis, cytokine-induced cell proliferation, and DNA recombination during meiosis. Mek1 and Mek2 are activated by phosphorylation on serine 218 and 222 by serine-threonine kinase, Raf-1, which is part of the p21ras signal transduction pathway.