

**MEK Kinase-1 (phospho Thr1402) Polyclonal Antibody**  
Catalog # AP67718**Specification****MEK Kinase-1 (phospho Thr1402) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q13233</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**MEK Kinase-1 (phospho Thr1402) Polyclonal Antibody - Additional Information****Gene ID** 4214**Other Names**

MAP3K1; MAPKKK1; MEKK; MEKK1; Mitogen-activated protein kinase kinase kinase 1; MAPK/ERK kinase kinase 1; MEK kinase 1; MEKK 1

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**MEK Kinase-1 (phospho Thr1402) Polyclonal Antibody - Protein Information****Name** MAP3K1**Synonyms** MAPKKK1, MEKK, MEKK1**Function**

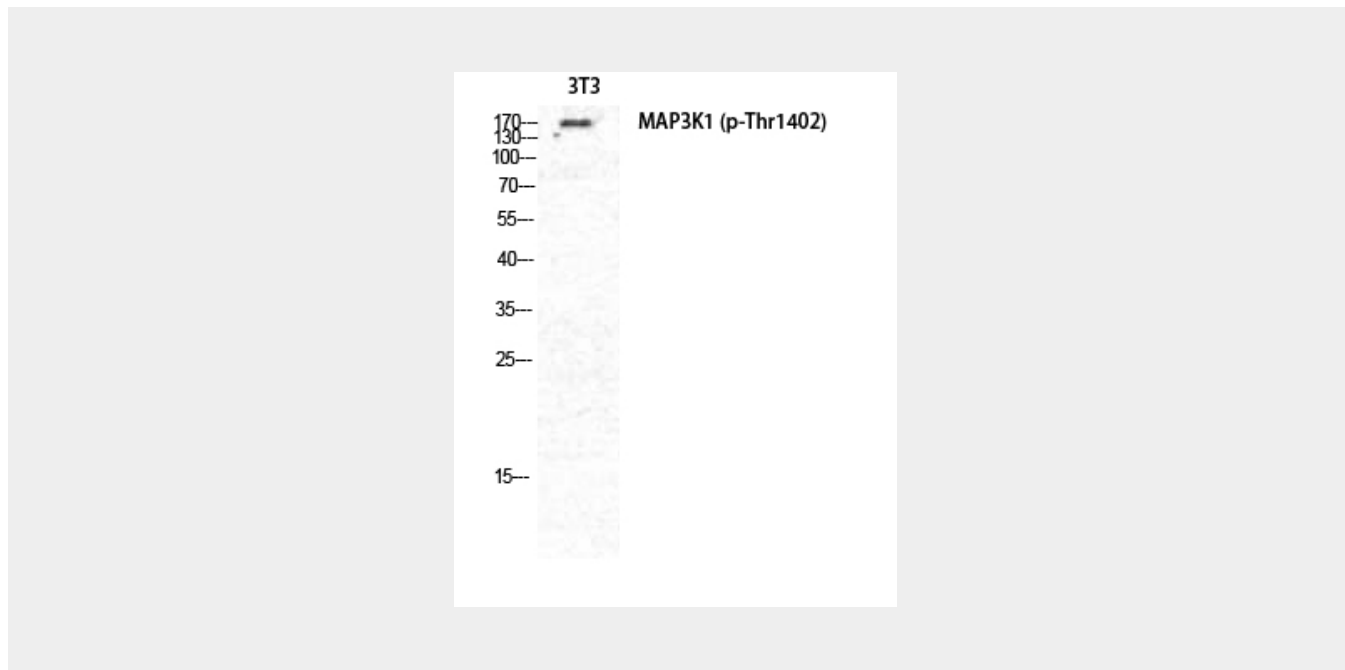
Component of a protein kinase signal transduction cascade (PubMed:[9808624](http://www.uniprot.org/citations/9808624)). Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4 (PubMed:[9808624](http://www.uniprot.org/citations/9808624)). May phosphorylate the MAPK8/JNK1 kinase (PubMed:[17761173](http://www.uniprot.org/citations/17761173)). Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway (PubMed:[9808624](http://www.uniprot.org/citations/9808624)).

**MEK Kinase-1 (phospho Thr1402) Polyclonal 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](#)

#### **MEK Kinase-1 (phospho Thr1402) Polyclonal Antibody - Images**



#### **MEK Kinase-1 (phospho Thr1402) Polyclonal Antibody - Background**

Component of a protein kinase signal transduction cascade (PubMed:9808624). Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4 (PubMed:9808624). May phosphorylate the MAPK8/JNK1 kinase (PubMed:17761173). Activates CHUK and IKBKB, the central protein kinases of the NF- kappa-B pathway (PubMed:9808624).