

# MEK Kinase-1 (phospho Thr1402) Polyclonal Antibody

Catalog # AP67718

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">Q13233</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	164470

## Additional Information

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<b>Gene ID</b>	4214
<b>Other Names</b>	MAP3K1; MAPKKK1; MEKK; MEKK1; Mitogen-activated protein kinase kinase kinase 1; MAPK/ERK kinase kinase 1; MEK kinase 1; MEKK 1
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	MAP3K1
<b>Synonyms</b>	MAPKKK1, MEKK, MEKK1
<b>Function</b>	Component of a protein kinase signal transduction cascade (PubMed: <a href="#">9808624</a> ). Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4 (PubMed: <a href="#">9808624</a> ). May phosphorylate the MAPK8/JNK1 kinase (PubMed: <a href="#">17761173</a> ). Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway (PubMed: <a href="#">9808624</a> ).

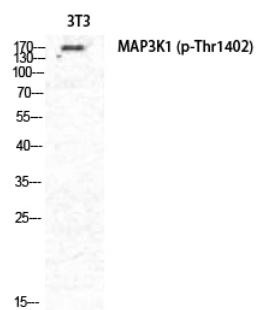
## Background

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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](#)).

## Images

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Western Blot analysis of NIH-3T3 cells using  
Phospho-MEK Kinase-1 (T1402) Polyclonal Antibody  
diluted at 1 : 2000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.