

# MEK-3 Polyclonal Antibody

Catalog # AP70900

## Product Information

---

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P46734</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	39318

## Additional Information

---

<b>Gene ID</b>	5606
<b>Other Names</b>	MAP2K3; MEK3; MKK3; PRKMK3; SKK2; Dual specificity mitogen-activated protein kinase kinase 3; MAP kinase kinase 3; MAPKK 3; MAPK/ERK kinase 3; MEK 3; Stress-activated protein kinase kinase 2; SAPK kinase 2; SAPKK-2; SAPKK2
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
<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

---

<b>Name</b>	MAP2K3
<b>Synonyms</b>	MEK3, MKK3, PRKMK3, SKK2
<b>Function</b>	Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14.
<b>Tissue Location</b>	Abundant expression is seen in the skeletal muscle. It is also widely expressed in other tissues

## Background

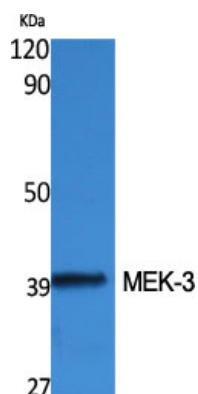
---

Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the

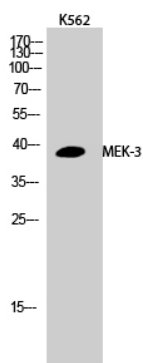
concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14.

## Images

---



Western Blot analysis of various cells using MEK-3 Polyclonal Antibody



Western Blot analysis of K562 cells using MEK-3 Polyclonal Antibody

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