



## Rabbit Anti-MEKK3 antibody

SL18781R

<b>Product Name:</b>	MEKK3
<b>Chinese Name:</b>	MAPK/ERK 激酶3 抗体
<b>Alias:</b>	M3K3_HUMAN; MAP/ERK kinase kinase 3; MAP3K3; MAPK/ERK kinase kinase 3; MAPKKK3; MEK kinase 3; MEKK 3; MEKK3; mitogen activated protein kinase kinase kinase 3; Mitogen-activated protein kinase kinase kinase 3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	71kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human MEKK3:401-500/626
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene product is a 626-amino acid polypeptide that is 96.5% identical to mouse Mekk3. Its catalytic domain is closely related to those of several other kinases, including mouse Mekk2, tobacco NPK, and yeast Ste11. Northern blot analysis revealed a 4.6-kb transcript that appears to be ubiquitously expressed. This protein directly regulates the stress-activated protein kinase (SAPK) and extracellular signal-

regulated protein kinase (ERK) pathways by activating SEK and MEK1/2 respectively; it does not regulate the p38 pathway. In cotransfection assays, it enhanced transcription from a nuclear factor kappa-B (NFkB)-dependent reporter gene, consistent with a role in the SAPK pathway. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

**Function:**

Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators.

**Similarity:**

Belongs to the protein kinase superfamily.

STE Ser/Thr protein kinase family.

MAP kinase kinase kinase subfamily.

Contains 1 OPR domain.

Contains 1 protein kinase domain.

**SWISS:**

Q99759

**Gene ID:**

4215

**Database links:**

[Entrez Gene: 4215](#) Human

[Entrez Gene: 26406](#) Mouse

[Entrez Gene: 303604](#) Rat

[Omim: 602539](#) Human

[SwissProt: Q99759](#) Human

[SwissProt: Q61084](#) Mouse

[Unigene: 29282](#) Human

[Unigene: 27041](#) Mouse

[Unigene: 72680](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

