

**MEKK2 Antibody**  
**Rabbit mAb**  
**Catalog # AP90714****Specification**

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**MEKK2 Antibody - Product Information**Application  
Primary Accession  
Reactivity  
ClonalityWB, IHC, FC, ICC, IP  
[O9Y2U5](#)  
Rat  
Monoclonal**Other Names**

MAP3K2; MAP/ERK kinase kinase 2; MAPK/ERK kinase kinase 2; MAPKKK2; MEK kinase 2; MEKK 2; MEKK2; MEKK2B;

Isotype  
Host  
Calculated MWRabbit IgG  
Rabbit  
69741 Da**MEKK2 Antibody - Additional Information**Purification  
ImmunogenAffinity-chromatography  
A synthesized peptide derived from human MEKK2

Description

The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase preferentially activates the kinases involved in the MAP kinase signaling pathway including MAPK7 and MAP2K4. This kinase has been shown to directly phosphorylate and activate I $\kappa$ B kinases (IKKs), and thus plays a role in NF- $\kappa$ B signaling pathway. This kinase has also been found to bind and activate protein kinase C-related kinase 2 (PRKCL2/PRK2), which suggests its involvement in PRKCL2 regulated signaling process.

Storage Condition and Buffer

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**MEKK2 Antibody - Protein Information****Name** MAP3K2**Synonyms** MAPKKK2, MEKK2

**Function**

Component of a protein kinase signal transduction cascade. Regulates the JNK and ERK5 pathways by phosphorylating and activating MAP2K5 and MAP2K7 (By similarity). Plays a role in caveolae kiss-and- run dynamics.

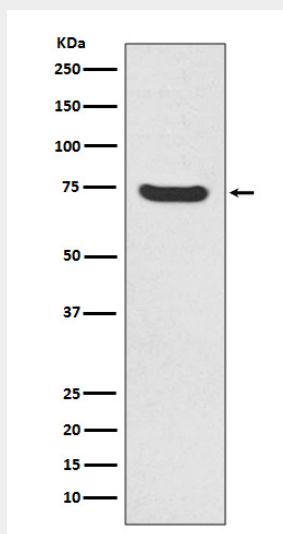
**Cellular Location**

Cytoplasm. Nucleus. Note=Upon EGF stimulation, translocates into the nucleus

**MEKK2 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](#)

**MEKK2 Antibody - Images**

Western blot analysis of MEKK2 expression in HeLa cell lysate.