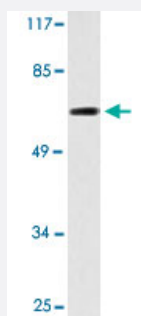


# MAP3K3 polyclonal antibody

Catalog # PAB26874

Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with MAP3K3 polyclonal antibody (Cat # PAB26874).

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of MAP3K3.

**Immunogen** A synthetic peptide corresponding to human MAP3K3.

**Host** Rabbit

**Theoretical MW (kDa)** 71

**Reactivity** Human, Mouse

**Specificity** MAP3K3 polyclonal antibody detects endogenous levels of MAP3K3 protein.

**Form** Liquid

**Purification** Affinity purification

**Concentration** 1 mg/mL

**Recommend Usage** Western Blot (1:500-1:1000)  
Immunohistochemistry (1:50-1:200)  
Immunofluorescence (1:50-1:200)  
The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with MAP3K3 polyclonal antibody (Cat # PAB26874).

- Immunohistochemistry

- Immunofluorescence

## Gene Info — MAP3K3

Entrez GeneID	<a href="#">4215</a>
Protein Accession#	<a href="#">Q99759</a>
Gene Name	MAP3K3
Gene Alias	MAPKKK3, MEKK3
Gene Description	mitogen-activated protein kinase kinase kinase 3
Omim ID	<a href="#">602539</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
Other Designations	MAP/ERK kinase kinase 3 MAPK/ERK kinase kinase 3

## Pathway

- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)