

**MAP4K1-T165 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22379a****Specification**

---

**MAP4K1-T165 Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">O92918</a>
Other Accession	<a href="#">P70218</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	91296

**MAP4K1-T165 Antibody - Additional Information****Gene ID** 11184**Other Names**

Mitogen-activated protein kinase kinase kinase kinase 1, 2.7.11.1, Hematopoietic progenitor kinase, MAPK/ERK kinase kinase kinase 1, MEK kinase kinase 1, MEKKK 1, MAP4K1, HPK1

**Target/Specificity**

This MAP4K1-T165 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 140-180 from the human region of human MAP4K1-T165.

**Dilution**

WB~~1:1000-2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MAP4K1-T165 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**MAP4K1-T165 Antibody - Protein Information****Name** MAP4K1**Synonyms** HPK1

**Function** Serine/threonine-protein kinase, which may play a role in the response to environmental stress (PubMed:[24362026](#)). Appears to act upstream of the JUN N-terminal pathway (PubMed:[8824585](#)). May play a role in hematopoietic lineage decisions and growth regulation (PubMed:[8824585](#), PubMed:[24362026](#)). Able to autophosphorylate (PubMed:[8824585](#)). Together with CLNK, it enhances CD3-triggered activation of T-cells and subsequent IL2 production (By similarity).

#### Tissue Location

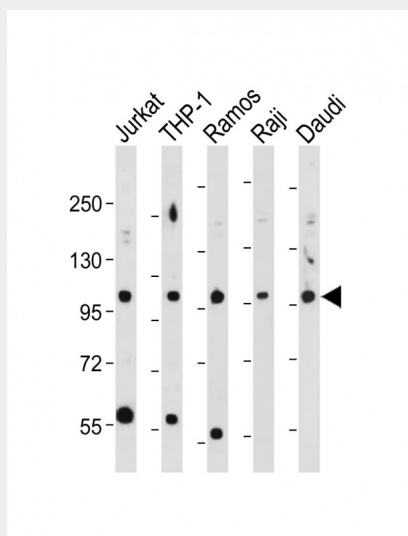
Expressed primarily in hematopoietic organs, including bone marrow, spleen and thymus. Also expressed at very low levels in lung, kidney, mammary glands and small intestine

### MAP4K1-T165 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](#)

### MAP4K1-T165 Antibody - Images



All lanes : Anti-Phospho-MAP4K1-T165 Antibody, ctrl at 1:1000-2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: THP-1 whole cell lysate Lane 3: Ramos whole cell lysate Lane 4: Raji whole cell lysate Lane 5: Daudi whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 91 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### MAP4K1-T165 Antibody - Background

Serine/threonine-protein kinase, which may play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. May play a role in hematopoietic lineage decisions and growth regulation. Able to autophosphorylate.

**MAP4K1-T165 Antibody - References**

Hu M.C.-T.,et al.Genes Dev. 10:2251-2264(1996).  
Grimwood J.,et al.Nature 428:529-535(2004).  
Oppermann F.S.,et al.Mol. Cell. Proteomics 8:1751-1764(2009).  
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).  
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).