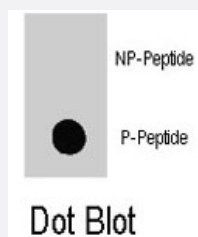


# MAP4K1 (phospho S171) polyclonal antibody

Catalog # PAB8125

Size 400 uL

## Applications



### Dot Blot (Peptide)

Dot blot analysis of MAP4K1 (phospho S171) polyclonal antibody (Cat # PAB8125) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 ug/mL.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic phosphopeptide of MAP4K1.
<b>Immunogen</b>	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S171 of human MAP4K1.
<b>Host</b>	Rabbit
<b>Form</b>	Liquid
<b>Purification</b>	Peptide affinity purification
<b>Recommend Usage</b>	ELISA (1:1000) Dot Blot (1:500) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Dot Blot (Peptide)

Dot blot analysis of MAP4K1 (phospho S171) polyclonal antibody (Cat # PAB8125) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 ug/mL.

## Gene Info — MAP4K1

Entrez GeneID	<a href="#">11184</a>
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Protein Accession#	<a href="#">NP_009112:Q92918</a>
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Gene Name	MAP4K1
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Gene Alias	HPK1
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Gene Description	mitogen-activated protein kinase kinase kinase kinase 1
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Omim ID	<a href="#">601983</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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Other Designations	hematopoietic progenitor kinase 1
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## Publication Reference

- [Proteomics analysis of protein kinases by target class-selective prefractionation and tandem mass spectrometry.](#)

Wissing J, Jänsch L, Nimtz M, Dieterich G, Hornberger R, Kéri G, Wehland J, Daub H.

Molecular & Cellular Proteomics 2007 Mar; 6(3):537.

- [Large-scale characterization of HeLa cell nuclear phosphoproteins.](#)

Beausoleil SA, Jedrychowski M, Schwartz D, Elias JE, Villen J, Li J, Cohn MA, Cantley LC, Gygi SP.

PNAS 2004 Aug; 101(33):12130.

- [Human HPK1, a novel human hematopoietic progenitor kinase that activates the JNK/SAPK kinase cascade.](#)

Hu MC, Qiu WR, Wang X, Meyer CF, Tan TH.

Genes & Development 1996 Sep; 10(18):2251.

## Pathway

- [MAPK signaling pathway](#)