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## anti-MAP3K8 antibody (pThr290)



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Quantity:	400 μL
Target:	MAP3K8
Binding Specificity:	pThr290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K8 antibody is un-conjugated
Application:	Dot Blot (DB)

## **Product Details**

Immunogen:	This MAP3K8 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T290 of human MAP3K8.
Clone:	RB11315
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MAP3K8
Alternative Name:	MAP3K8 (MAP3K8 Products)
Background:	Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular

signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MEKK8 is able to activate NF-kappa-B 1 by stimulating proteasome-mediated proteolysis of NF-kappa-B 1/p105. The protein appears to play an important role in the cell cycle. This cytoplasmic protein is expressed in several normal tissues and human tumor-derived cell lines. The 58 kDa form is activated specifically during the S and G2/M phases of the cell cycle. The longer form undergoes phosphorylation on Ser residues mainly, and the shorter form on both Ser and Thr residues.

Molecular Weight: 52925

Gene ID: 1326

NCBI Accession: NP\_001231063, NP\_005195

UniProt: P41279

Pathways: PI3K-Akt Signaling, TCR Signaling

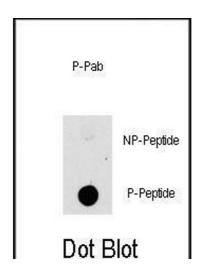
## **Application Details**

Application Notes: DB: 1:500

Restrictions: For Research Use only

### Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



### **Dot Blot**

**Image 1.** Dot blot analysis of anti-K1-p Phospho-specific b (ABIN389799 and ABIN2839695) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phosphopeptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.