antibodies - online.com







anti-MAP4K4 antibody (pSer629)



Image



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Quantity:	400 μL
Target:	MAP4K4
Binding Specificity:	pSer629
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K4 antibody is un-conjugated
Application:	Dot Blot (DB)
Product Details	
Immunogen:	This Phospho-MAP4K4-pS629 antibody is generated from rabbits immunized with a KLH
	conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S629
	of human MAP4K4.
Clone:	RB12877
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	MAP4K4
Alternative Name:	MAP4K4 (MAP4K4 Products)

Target Details

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M4K4, a member of the STE20 subfamily of Ser/Thr protein kinases, may play a role in the response to environmental stress and cytokines such as TNF-alpha. It appears to act upstream of the JUN N-terminal pathway. This protein is thought to interact with the SH3 domain of the adapter proteins Nck. HGK binds, via its CNH regulatory domain, to the N-terminal region of SPG3A. Expression appears to be ubiquitous, expressed in all tissue types examined. Isoform 5 appears to be more abundant in the brain, and isoform 4 is predominant in the liver, skeletal muscle and placenta.

Molecular Weight:

142101

Gene ID:

9448

NCBI Accession:

NP_001229488, NP_004825, NP_663720

UniProt:

095819

Application Details

Application Notes:

DB: 1:500

6 months

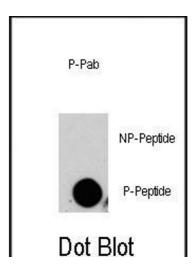
Restrictions:

For Research Use only

Handling

Expiry Date:

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.



Dot Blot

Image 1. Dot blot analysis of anti-P4K4-p Phospho-specific Pab (ABIN389813 and ABIN2839701) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phosphopeptide per dot were adsorbed. Antibody working concentrations are $0.5 \, \mu g$ per ml.