Datasheet for ABIN389829

anti-MAP4K4 antibody (pSer801)

1 Image

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Overview

Quantity:	400 µL
Target:	MAP4K4
Binding Specificity:	pSer801
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K4 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This MAP4K4 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S801 of human MAP4K4.
Clone:	RB11324
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAP4K4
Alternative Name:	MAP4K4 (MAP4K4 Products)
Background:	M4K4, a member of the STE20 subfamily of Ser/Thr protein kinases, may play a role in the

Target Details

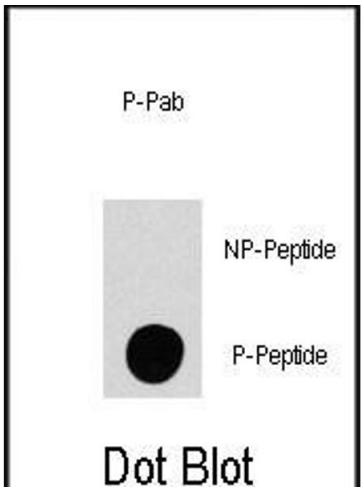
	response to environmental stress and cytokines such as TNF-alpha. It appears to act upstream of the JUN N-terminal pathway. This protein is thought to interact with the SH3 domain of the adapter proteins Nck. HGK binds, via its CNH regulatory domain, to the N-terminal region of SPG3A. Expression appears 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:	O95819

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-P4K4-p Phospho-specific Pab (R) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.