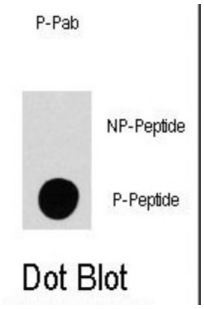
Mitogen-Activated Protein Kinase Kinase Kinase Kinase 4 Phospho-Ser801 (MAP4K4 pS801) Antibody

Catalogue No.:abx031987



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.

Target:	Mitogen-Activated Protein Kinase Kinase Kinase Kinase 4 Phospho-Ser801 (MAP4K4 pS801)
Clonality:	Polyclonal
Target Modification:	Ser801
Modification:	Phosphorylation
Reactivity:	Human
Tested Applications:	ELISA, DB
Host:	Rabbit
Recommended dilutions:	DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S801 of human MAP4K4.
Isotype:	IgG
Form:	Liquid

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Purification:	Purified in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody was eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O95819 (UniProt, ExPASy)
Gene Symbol:	MAP4K4
GeneID:	9448
OMIM:	604666
HGNC:	6866
KEGG:	hsa:9448
Ensembl:	ENSG00000071054
String:	9606.ENSP00000343658
Enzyme Commission Number:	EC 2.7.11.1
Molecular Weight:	Calculated MW: 142 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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