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Datasheet for ABIN710381 **anti-MAP4K4 antibody (pSer801)**

Overview

Quantity:	100 µL
Target:	MAP4K4
Binding Specificity:	pSer801
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MAP4K4 around the phosphorylation site of Ser801
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MAP4K4
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Target Details

Alternative Name:	MAP4K4 (MAP4K4 Products)
Background:	<p>Synonyms: MAP4K4phospho S801, Hepatocyte progenitor kinase like/germinal center kinase like kinase, HGK, HPK/GCK like kinase, HPK/GCK like kinase HGK, KIAA0687, MAPK/ERK kinase kinase kinase 4, MEK kinase kinase 4, MEKKK 4, MEKKK4, Mitogen activated protein kinase kinase kinase kinase 4, Nck interacting kinase, NIK.</p> <p>Background: MAP4K4 (Mitogen-activated protein kinase kinase kinase kinase 4) belongs to the serine/threonine protein kinase family and specifically activates MAPK8/JNK. It may play a role in the response to environmental stress and is thought to function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF alpha signaling pathway. It interacts with the SH3 domain of the adapter protein Nck. MAP4K4-dependent signaling inhibits PPARG responsive gene expression, adipogenesis, and insulin stimulated glucose transport.</p>
Gene ID:	338376

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months