

Datasheet for ABIN710353

anti-MAP4K4 antibody (pSer629) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MAP4K4
Binding Specificity:	pSer629
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K4 antibody is conjugated to Biotin
Application:	ELISA, 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 Ser629
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MAP4K4
Alternative Name:	MAP4K4 (MAP4K4 Products)

Target Details

Background:	<p>Synonyms: MAP4K4phospho S629, 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 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:	9448

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months