

Datasheet for ABIN5006514

anti-MAP4K4 antibody (pSer629) (AbBy Fluor® 680)[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 AbBy Fluor® 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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:	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. 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.
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Gene ID:	9448
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months