Datasheet for ABIN317719

anti-MAP4K3 antibody

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Overview

Quantity:	0.1 mg
Target:	MAP4K3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Specificity:	GLK antibody detects endogenous levels of GLK protein.(region surrounding Gly4)
Purification:	Affinity Chromatography using epitope-specific immunogen.

Target Details

Target:	MAP4K3
Alternative Name:	MAP4K3 (MAP4K3 Products)
Background:	Several mammalian kinases have been identified which exhibit sequence similarity to the Saccharomyces cerevisiae serine/threonine kinase STE20. STE20 is involved in relaying signals from G-protein coupled receptors to cytosolic MAP kinase cascades, and it lies upstream of a MAP kinase kinase kinase. Mammalian STE20-like kinases include GLK, KHS, NIK, YSK1, HPK1, Krs-1, Krs-2 and human GC kinase. GLK (for GC-like kinase) is an 885 amino acid protein that shares a high degree of homology with GC kinase and HPK1. Like many of the STE20-like

Target Details

	kinases, GLK specifically activates the JNK pathway. Epistasis studies with dominant negative mutants of MEKK1 suggest that GLK functions upstream of MEKK1 in the JNK signaling pathway.Synonyms: Germinal center kinase-related protein kinase, MAPK, MAPK/ERK kinase kinase kinase 3, MEKKK 3, Mitogen-activated protein kinase kinase kinase kinase 3, RAB8IPL1
Molecular Weight:	approx. 101 kDa
Gene ID:	8491
NCBI Accession:	NP_003609
UniProt:	Q8IVH8
Pathways:	MAPK Signaling

Application Details

Application Notes:	ELISA: 1/20000approx. 1/40000. Western Blot: 1/500approx. 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH ~7.2 containing 0.05 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

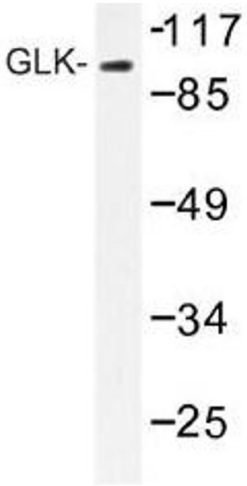

Image 1.