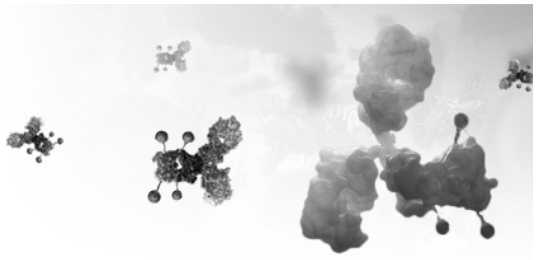

Anti-MAP3K1 (aa 1211-1310) polyclonal antibody (DPAB-DC1915)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a serine/threonine kinase and is part of some signal transduction cascades, including the ERK and JNK kinase pathways as well as the NF-kappa-B pathway. The encoded protein is activated by autophosphorylation and requires magnesium as a cofactor in phosphorylating other proteins. This protein has E3 ligase activity conferred by a plant homeodomain (PHD) in its N-terminus and phospho-kinase activity conferred by a kinase domain in its C-terminus.
Immunogen	MAP3K1 (XP_042066, 1211 a.a. ~ 1310 a.a) partial recombinant protein with GST tag. The sequence is SKNSMTLDLNSSSKCDDSFGCSSNSSNAVIPSDETVFTPVEEKCRLDVNTELNSSIEDLL EASMPSSDTTVTFKSEVAVLSPEKAENDDTYKDDVNHNQK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	MAP3K1 mitogen-activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	MAP3K1
Synonyms	MAP3K1; mitogen-activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase; MEKK; MEKK1; SRXY6; MEKK 1; MAPKKK1; mitogen-activated protein kinase kinase kinase 1; MEK kinase 1; MAP/ERK kinase kinase 1; MAPK/ERK kinase kinase 1;
Entrez Gene ID	4214
Protein Refseq	NP_005912
UniProt ID	Q13233
Chromosome Location	5q11.2
Pathway	Activated TLR4 signalling; Apoptosis Modulation by HSP7; BDNF signaling pathway; CDC42 signaling events.
Function	ATP binding; JUN kinase kinase activity; MAP kinase kinase kinase activity; protein binding

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