M3K14 Polyclonal Antibody

Catalog No	YP-Ab-06463
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	MAP3K14 NIK
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Specificity	M3K14 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	M3K14;MAP3K14 NIK;Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa-beta-inducing kinase) (HsNIK) (Serine/threonine-protein kinase NIK)
Observed Band	104kD
Calculated Molecular Weight	104kD
Cell Pathway	Cytoplasm.
Tissue Specificity	Weakly expressed in testis, small intestine, spleen, thymus, peripheral blood leukocytes, prostate, ovary and colon.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein., function:Lymphotoxin beta-activated kinase which seems to be exclusively involved in the activation of NF-kappa-B and its transcriptional activity. Induces the processing of NF-kappa-B 2/P100. Could act in a receptor-selective manner., PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily., similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Binds to TRAF2, TRAF5, TRAF6, IKKA and NF-kappa-B 2/P100 (By similarity). Interacts with PELI3. Interacts with NIBP; the interaction is direct.,tissue specificity:Weakly expressed in testis, small intestine, spleen,

	thymus, peripheral blood leukocytes, prostate, ovary and colon.,
Background	This gene encodes mitogen-activated protein kinase kinase kinase 14, which is a serine/threonine protein-kinase. This kinase binds to TRAF2 and stimulates NF-kappaB activity. It shares sequence similarity with several other MAPKK kinases. It participates in an NF-kappaB-inducing signalling cascade common to receptors of the tumour-necrosis/nerve-growth factor (TNF/NGF) family and to the interleukin-1 type-I receptor. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images