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Rabbit Anti-MAP3K14/NFkB Inducing Kinase , Alexa Fluor® 680 conjugated antibody

SL0074R-AF680

Product Name	MAP3K14/NFkB Inducing Kinase, Bodipy Fluor 680 conjugated
Chinese Name	AF680 标记的 NFkB 诱导激酶抗体
Alias	MAP3K14; NF-kappaB-Inducing Kinase; NF kappa beta inducing kinase; NF-kappa-beta-inducing kinase; NFkB Inducing Kinase NIK; HS; HSNIK; NIK; Serine/threonine-protein kinase NIK; Mitogen-activated protein kinase kinase kinase 14; MAPKKK14; FTDCR1B; NF-kappa-beta-inducing kinase; M3K14_HUMAN.
Research Area	Cell biology Chromatin and nuclear signals Signal transduction Apoptosis transcriptional regulatory factor Kinases and Phosphatases
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse(predicted:Rat,Dog,Cow,Horse,Rabbit)
Applications	Flow-Cyt=3ug/Test,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	104kDa
Cellular localization	cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human NIK: 901-947/947
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

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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].

Product Detail

Function:
Lymphotoxin beta-activated kinase which seems to be exclusively involved in the activation of NF-kappa-B and its transcriptional activity. Promotes proteolytic processing of NFKB2/P100, which leads to activation of NF-kappa-B via the non-canonical pathway. Could act in a receptor-selective manner.

Subunit:
Interacts with TRAF2, TRAF5, TRAF6, IKKA and NFKB2/P100 (By similarity). Interacts with TRAF3 and PELI3. Interacts with NIBP; the interaction is direct. Interacts with ARRB1 and ARRB2. Interacts with GRB10. Interacts with ZFP91.

Subcellular Location:
Cytoplasm.

Tissue Specificity:
Weakly expressed in testis, small intestine, spleen, thymus, peripheral blood leukocytes, prostate, ovary and colon.

Similarity:
Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.
Contains 1 protein kinase domain.

SWISS:
Q99558

Gene ID:
9020