

## Rabbit Anti-MAP3K14/NFkB Inducing Kinase , Alexa Fluor® 750 conjugated antibody

SL0074R-AF750

<b>Product Name</b>	MAP3K14/NFkB Inducing Kinase, Bodipy Fluor 750 conjugated
<b>Chinese Name</b>	AF750 标记的 NFkB 诱导激酶抗体
<b>Alias</b>	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.
<b>Research Area</b>	Cell biology Chromatin and nuclear signals Signal transduction Apoptosis transcriptional regulatory factor Kinases and Phosphatases
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Mouse(predicted:Rat,Dog,Cow,Horse,Rabbit) Flow-Cyt=3ug/Test,IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	104kDa
<b>Cellular localization</b>	cytoplasmic
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human NIK: 901-947/947
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

## PubMed

### [PubMed](#)

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].

### **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.

## Product Detail

### **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

### **Database links:**

[Entrez Gene: 9020](#) Human



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[Oimim: 604655](#) Human

[SwissProt: Q99558](#) Human

[Unigene: 404183](#) Human