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## anti-MAP3K4 antibody (AA 1351-1450)



#### Overview

Quantity:	100 μL
Target:	MAP3K4
Binding Specificity:	AA 1351-1450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human MAP3K4/MEK kinase-4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	MAP3K4
Alternative Name:	MAP3K4/MEK kinase-4 (MAP3K4 Products)

#### **Target Details**

#### Background:

Synonyms: FLJ42439, KIAA0213, M3K4\_HUMAN, MAP three kinase 1, MAP3K4, MAPK/ERK kinase kinase 4, MAPKKK4 antibodyMEK kinase 4, MEKK 4, MEKK4, Mitogen-activated protein kinase kinase kinase 4, MTK1, PR00412, RP3-473J16.4

Background: Mitogen-activated protein (MAP) kinase cascades are activated by various extracellular stimuli including growth factors. The MEK kinases (also designated MAP kinase kinase kinases, MKKKs, MAP3Ks or MEKKs) phosphorylate and thereby activate the MEKs (also called MAP kinase kinases or MKKs), including ERK, JNK and p38. These activated MEKs in turn phosphorylate and activate the MAP kinases. The MEK kinases include Raf-1, Raf-B, Mos, MEK kinase-1, MEK kinase-2, MEK kinase-3, MEK kinase-4, ASK 1 (MEK kinase-5) and MAP3K6 (MEK kinase-6). MEK kinase-1 has been shown to phosphorylate MEK-1 via Raf-independent pathway. Evidence suggests that MEK-3 is preferentially activated by MEK kinase-3 and that MEK-4 is activated by both MEK kinase-2 and MEK kinase-3. MEK kinase-4 has been shown to specifically activate the JNK path-way. ASK1 activates both MEK-4 and MEK-3/MEK-6 pathways.

Pathways:

MAPK Signaling

#### **Application Details**

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ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

ICC 1:100-500

Restrictions:

For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

### Handling

Storage:	4 °C,-20 °C	
Storage Comment:	nent: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	