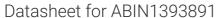
# antibodies -online.com





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



Go to Product page

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Quantity:	100 μL
Target:	MAP3K4
Binding Specificity:	AA 1351-1450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K4 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## **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)
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, PRO0412, 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 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**

Application Notes: IHC-P 1:200-400

IHC-F 1:100-500

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months