

Datasheet for ABIN7138894
anti-MAP2K4 antibody (pThr261)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MAP2K4
Binding Specificity:	pThr261
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP2K4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of threonine261 (A-K-T(p)-RD) derived from Human SEK1/MKK4.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	MAP2K4
Alternative Name:	MAP2K4 (MAP2K4 Products)

Target Details

Background: Background: Dual specificity kinase that activates the JUN kinases MAPK8 (JNK1) and MAPK9 (JNK2) as well as MAPK14 (p38) but not MAPK1 (ERK2) or MAPK3 (ERK1).

Wang W, et al. (2002) Mol Cell Biol, 22(10): 3389-403.

Leung IW, et al. (2001) J Biol Chem, 276(3): 1961-7.

Aliases: c Jun N terminal kinase kinase 1 antibody, C-JUN N-terminal kinase kinase 1 antibody, Dual specificity mitogen activated protein kinase kinase 4 antibody, Dual specificity mitogen-activated protein kinase kinase 4 antibody, JNK Activated Kinase 1 antibody, JNK activating kinase 1 antibody, JNK-activating kinase 1 antibody, JNKK antibody, JNKK1 antibody, MAP kinase kinase 4 antibody, Map2k4 antibody, MAPK ERK kinase 4 antibody, MAPK/ERK kinase 4 antibody, MAPKK 4 antibody, MAPKK4 antibody, MEK 4 antibody, MEK4 antibody, Mitogen activated protein kinase kinase 4 antibody, MKK 4 antibody, MKK4 antibody, MP2K4_HUMAN antibody, PRKMK4 antibody, SAPK ERK kinase 1 antibody, SAPK/ERK kinase 1 antibody, SAPKK 1 antibody, SAPKK1 antibody, SEK1 antibody, SERK1 antibody, SKK1 antibody, Stress activated protein kinase kinase 1 antibody

UniProt: [P45985](#)

Pathways: [MAPK Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#)

Application Details

Application Notes: IHC:1:50-1:100, IF:1:100-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

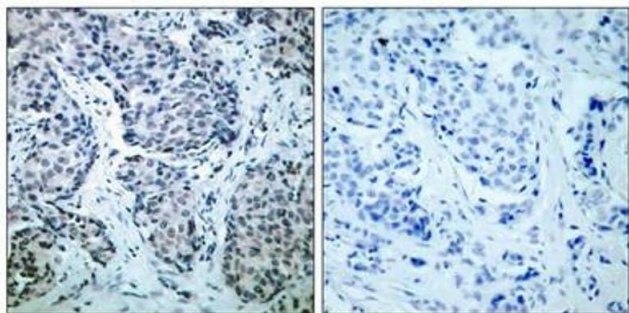
Buffer: Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

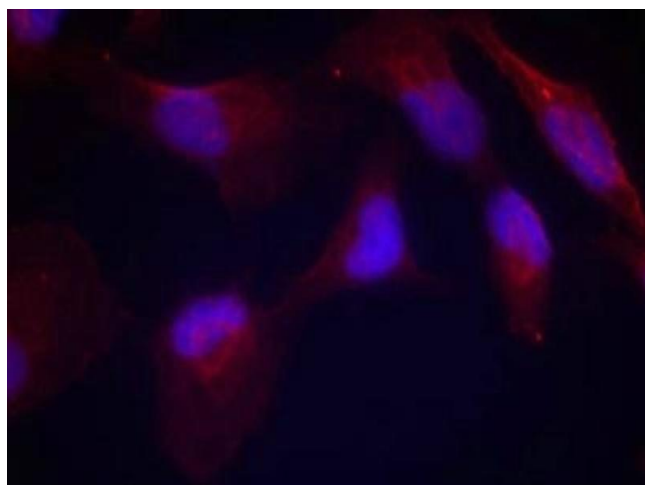
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SEK1/MKK4(Phospho-Thr261) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence

Image 2. Immunofluorescence staining of methanol-fixed HeLa cells using SEK1/MKK4(Phospho-Thr261) Antibody.