

Datasheet for ABIN3031843

anti-MAP2K4 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	MAP2K4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP2K4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human MKK4/MEK4 (ELLKHPFILMYEERAVEVA) was used as the immunogen for this MKK4 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	MAP2K4
Alternative Name:	MKK4 MEK4 (MAP2K4 Products)
Background:	Dual specificity mitogen-activated protein kinase kinase 4 (MAP2K4), also called MEK4, SEK1, JNKK1 and MKK4, is an enzyme that in humans is encoded by the MAP2K4 gene. It is mapped to 17p12. This gene encodes a dual specificity protein kinase that belongs to the Ser/Thr

Target Details

protein kinase family. This kinase is a direct activator of MAP kinases in response to various environmental stresses or mitogenic stimuli. It has been shown to activate MAPK8/JNK1, MAPK9/JNK2, and MAPK14/p38, but not MAPK1/ERK2 or MAPK3/ERK1. This kinase is phosphorylated, and thus activated by MAP3K1/MEKK. MAP2K4 was a specific activator of JNK1, JNK2, and p38, and it has been shown to interact with FLNC, MAPK8, MAPK8IP3 and AKT1.

UniProt:	P45985
Pathways:	MAPK Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades , BCR Signaling

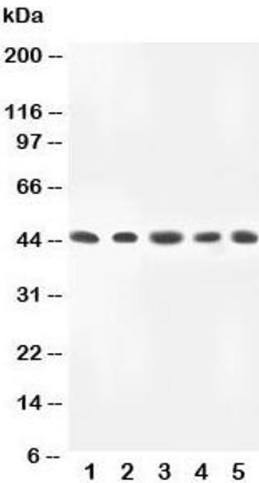
Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the MKK4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

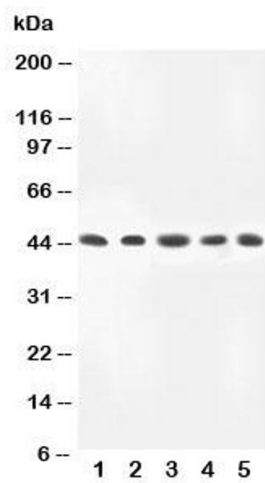
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the MKK4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of MKK4 antibody and Lane 1: rat skeletal muscle; 2: HeLa; 3: A549; 4: MM231; 5: CEM lysate. Predicted/observed size ~44KD



Western Blotting

Image 2. Western blot testing of MKK4 antibody and Lane 1: rat skeletal muscle