

Mouse anti-Human MAP2K4 Antibody | anti-MAP2K4 antibody

MAP2K4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108630	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

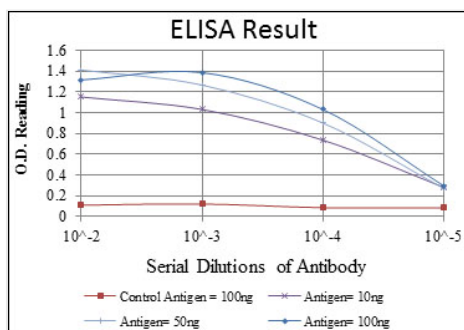
PRODUCT SYNONYMS

MAP2K4; MAP2K4 Antibody; JNKK; MEK4; MKK4; SEK1; JNKK1; SERK1; MAPKK4; PRKMK4; anti-MAP2K4 antibody

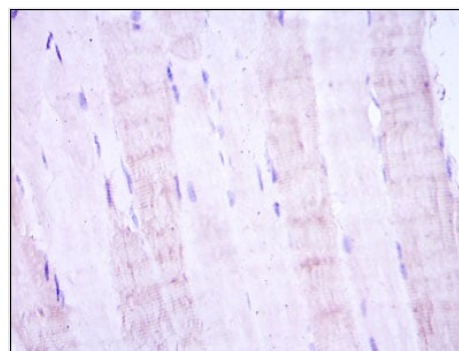
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	5H4
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	399
Applicable Applications for anti-MAP2K4 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MAP2K4 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES

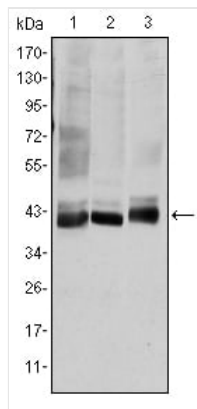


Application Data



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded muscle tissues using MAP2K4 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1: Western blot analysis using MAP2K4 mouse mAb against HepG2 (1), K562 (2), and HEK293 (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2K4 antibody	This gene encodes a dual specificity protein kinase that belongs to the Ser/Thr 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/ERK3. This kinase is phosphorylated, and thus activated by MAP3K1/MEKK. The knockout studies in mice suggested the roles of this kinase in mediating survival signal in T cell development, as well as in the organogenesis of liver. Tissue specificity: Abundant expression is seen in the skeletal muscle. It is also widely expressed in other tissues.
Product Categories/Family for anti-MAP2K4 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506889
NCBI GeneID	6416
NCBI Accession #	NP_003001.1
NCBI GenBank Nucleotide #	NM_003010.3
UniProt Accession #	P45985; Q5U0B8; Q6FHX4; Q6P9H2; Q6PIE6; B2R7N7; B3KYB2; D3DTS5
Molecular Weight	42kDa
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 4 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 4
NCBI Official Symbol	MAP2K4
NCBI Official Synonym Symbols	JNKK; MEK4; MKK4; SEK1; SKK1; JNKK1; SERK1; MAPKK4; PRKMK4; SAPKK1; SAPKK-1
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 4
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 4
UniProt Gene Name	MAP2K4
UniProt Synonym Gene Names	JNKK1; MEK4; MKK4; PRKMK4; SEK1; SERK1; SKK1; MAP kinase kinase 4; MAPKK 4; MEK 4; SEK1; SAPK kinase 1; SAPKK-1; SAPKK1; JNKK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.