Rabbit anti-Human, mouse MEKK6 Polyclonal Antibody | anti-MAP3K6 antibody

MEKK6 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285815	**Rabbit**	**Human, mouse**	**Western Blot, Immunohistochemistry, ELISA**

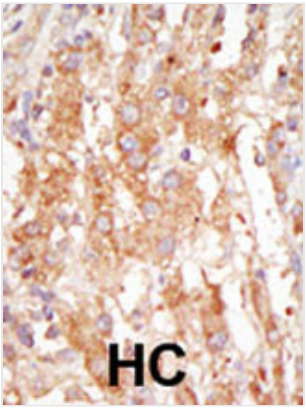
PRODUCT SYNONYMS

MEKK6; Polyclonal Antibody; MEKK6 Antibody (C-term); Mitogen-activated protein kinase kinase kinase 6; Apoptosis signal-regulating kinase 2; MAP3K6; ASK2; MAPKKK6; anti-MAP3K6 antibody

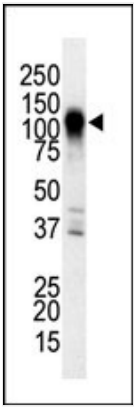
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MEKK6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1028-1058 amino acids from the C-terminal region of human MEKK6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.11 (varies by lot)
Sequence Positions	1028-1058
Sequence Length	1288
Applicable Applications for anti-MAP3K6 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-MEKK6 Pab is used in Western blot to detect MEKK6 in NIH3T3 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K6 antibody	Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK), MAPK kinase (MKK or MEK), and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase, MAPK kinase/MEK, which in turn activates MAPK. The kinases of these signaling cascades are highly conserved, and homologs exist in yeast, Drosophila, and mammalian cells. MEKK6 activates the JNK, but not ERK or p38 kinase pathways.
References	Wang, X.S., et al., Biochem. Biophys. Res. Commun. 253(1):33-37 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	45827809
NCBI GeneID	9064
NCBI Accession #	NP_004663.3
NCBI GenBank Nucleotide #	NM_004672.4
UniProt Accession #	O95382; Q59HF4; Q5SSD4; Q75PK3; Q96B75; A2ACE8; A2VDG4; A2VDG5; JE0363
Molecular Weight	142596
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 6 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 6
NCBI Official Symbol	MAP3K6
NCBI Official Synonym Symbols	ASK2; MEKK6; MAPKKK6
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 6
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 6
UniProt Gene Name	**MAP3K6**
UniProt Synonym Gene Names	ASK2; MAPKKK6; MEKK6
UniProt Entry Name	M3K6_HUMAN

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.