

Rabbit anti-Human, Mouse MEKKK 4 Polyclonal Antibody | anti-MEKKK 4 antibody

MEKKK 4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302486	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

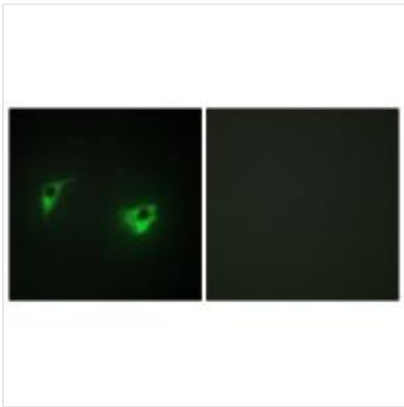
PRODUCT SYNONYMS

MEKKK 4; Polyclonal Antibody; MEKKK 4 Antibody; EC 2.7.11.1; HPK/GCK-like kinase HGK; M4K4; MAP4K4; MAPK/ERK kinase kinase kinase 4; anti-MEKKK 4 antibody

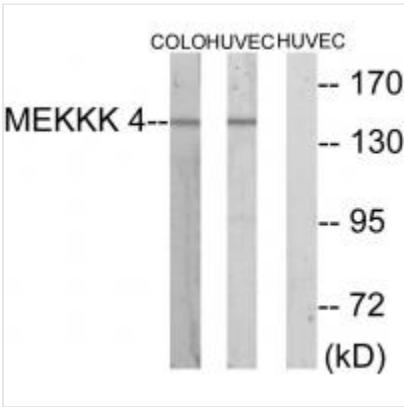
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MEKKK 4 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1239
Applicable Applications for anti-MEKKK 4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MEKKK 4.
Target Name	MEKKK 4
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells, using MEKKK 4 antibody.



WB (Western Blot)
Western blot analysis of extracts from COLO cells and HUVEC cells, using MEKKK 4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MEKKK 4 antibody	Serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. Appears to act upstream of the JUN N-terminal pathway. Phosphorylates SMAD1 on Thr-322.Yao Z., J. Biol. Chem. 274:2118-2125(1999).Wright J.H., Mol. Cell. Biol. 23:2068-2082(2003).Ishikawa K., DNA Res. 5:169-176(1998).
Product Categories/Family for anti-MEKKK 4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	336020358
NCBI GeneID	9448
NCBI Accession #	NP_001229488.1
NCBI GenBank Nucleotide #	NM_001242559.1
UniProt Accession #	O95819; O75172; Q9NST7
Molecular Weight	141,929 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase kinase 4 isoform 4
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase kinase 4
NCBI Official Symbol	MAP4K4
NCBI Official Synonym Symbols	HGK; NIK; MEKKK4; FLH21957; HEL-S-31
NCBI Protein Information	mitogen-activated protein kinase kinase kinase kinase 4
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase kinase 4
UniProt Gene Name	MAP4K4
UniProt Synonym Gene Names	HGK; KIAA0687; NIK; MEK kinase kinase 4; MEKKK 4
UniProt Entry Name	M4K4_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.

