

MaxPab®

MAP4K4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009448-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MAP4K4 protein.
Immunogen	MAP4K4 (AAI56090.1, 1 a.a. ~ 1320 a.a) full-length human protein.
Sequence	MANDSPAKSLVDIDLSSLRDPAGIFELVEVVGNGTYGQVYKGRHVKTGQLAAIKVMDVTEDEEEEI KLEINMLKKYSHHRNIATYYGAFIKKSPPGHDDQLWLVMFCGAGSITDLVKNTKGNTLKEDWAYI SREILRGLAHLHIHHVHRDIKGQNVLLTENA EVKLVD FGVSAQLDRTVGRRNTFIGTPYWMAPEVIA CDENPDATYDYRSDLWSCGITAEMAEGAPPLCDMHPMRALFLIPRNPPRLKSKKWSKKFFSFI EGCLVKNYMQRPSTEQLLKHPFIRDQPNERQVRIQLKDHDTRTKKRGEKDETEYEYSGSEEEEE EVPEQEGEPSSSVNVPGESTLRRDFLRLQQENKERSEALRRQQLLQEQQLREQEEYKRQLLAER QKRIEQQKEQRRRLEEQQRREREARRQQEREQRRREQEEKRRLEELERRRKEEEEERRRAEEEEK RRVEREQEYIRRQLEEEQRHLEVLQQQLLQEQAMLLCECRWREMEEHRQAERLQRQLQQEQAYL LSLQHDHRRPHPQHSQQPPPPQQERSKPSFHAPEPKAHYEPADRAREVEDRFRKTNHSSPEA QSKQTGRVLEPPVPSRSEFSNGNSESVHPALQRPAPQVQWSHLASLKNVSPVSRSHSFS DPSPKFAHHHLRSQDPCPPSRSEVLSQSSDSKSEAPDPTQKAWSRSDSDEVPPRPVVRTTSR SPVLSRRDSPLQGSGQQNSQAGQRNSTSSIEPRLLWERVEKLVRPGSGSSSGSSNSGSQPGS HPGSQSGSGERFRVRSSSKSEGPSQRLNVAKKPEDKKEVFRPLKPAGEVDLTALAKELRAV EDVRPPHKVTDYSSSSEESGTTDEEDDDVEQEGADESTSGPEDTRAASSLNLSNGETESVKTMI VHDDVESEPAMTPSKEGTLVRQTQSASSTLQKHKSSSFTPFIDPRLLQISPSSGTTVTSVVGFS CDGMRPEAIRQDPTRKGSVVVNPTNTRPQSDTPEIRKYKKRFNSEILCAALWGVNLLVGTESGL MLLDRSGQGKVYPLINRRRFQQMDVLEGLNVLVTISGKKDKLRVYLSWLRNKILHNDPEVEKKQ GWTTVGDLGCVHYKVVKYERIKFLVIALKSSVEVYAWAPKPYHKFMAFKSFGELVHKPLLVDLT VEEGQRLKVIYGSCAGFHAVDVDSGSVYDMLPTHIQCSIKPHAIILPNTDGMELLVCYEDEGVVYN TYGRITKDVVLQWGEMPTSVAYIRSNQTMGWGEKAIEIRSVETGHLDGVMFMHKRAQLKFLCERN DKVFFASVRSGGSSQVYFMTLGRTSLLSW
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — MAP4K4

Entrez GeneID [9448](#)

GeneBank Accession# [BC156089.1](#)

Protein Accession# [AA156090.1](#)

Gene Name MAP4K4

Gene Alias FLH21957, FLJ10410, FLJ20373, FLJ90111, HGK, KIAA0687, NIK

Gene Description mitogen-activated protein kinase kinase kinase kinase 4

Omim ID [604666](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase may function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF-alpha signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations HPK/GCK-like kinase|hepatocyte progenitor kinase-like/germinal center kinase-like kinase

Pathway

- [MAPK signaling pathway](#)