

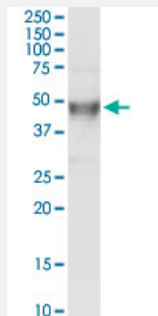
MaxPab®

# MAP2K4 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006416-D01

Size 100 uL

## Applications



### Immunoprecipitation

Immunoprecipitation of MAP2K4 transfected lysate using anti-MAP2K4 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MAP2K4 purified MaxPab mouse polyclonal antibody (B01P) ([H00006416-B01P](#)).

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human MAP2K4 protein.                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen               | MAP2K4 (AAH36032.1, 1 a.a. ~ 399 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence                | MAAPSPSGGGSGGGRGSGTPGPVGSPAPGHPAVSSMQGKRKALKLNFANPPFKSTARFTLN<br>PNPTGVQNPHIERLRTHSIESSGKLKISPEQHWDFTAEDLKDLEIGRGAYGSVNKMVHKPSGQIM<br>AVKRIRSTVDEKEQKQLLMDLDVVMRSSDCPYVQFYGALFREGDCWICMELMSTSFDFKYVYV<br>SVLDDVPIEEILGKITLATVKALNHLKENLKIHRDIKPSNILLDRSGNIKLCDFGISGQLVDSIAKTRDA<br>GCRPYMAPERIDPSASRQGYDVRSDVWSLGLITLYELATGRFPYPKWNSVFDQLTQVVKGDPQPQL<br>SNSEEREFSPSFINFVNLCLTKDESKRPKYKELLKHPFILMYEERAVEVACYVCKILDQMPATPSS<br>PMYVD |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                              |
| Storage Buffer          | No additive                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                             |

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[Protocol Download](#)

## Gene Info — MAP2K4

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">6416</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| GeneBank Accession# | <a href="#">BC036032.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Accession#  | <a href="#">AAH36032.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Name           | MAP2K4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Alias          | JNKK, JNKK1, MAPKK4, MEK4, MKK4, PRKMK4, SEK1, SERK1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Description    | mitogen-activated protein kinase kinase 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Omim ID             | <a href="#">601335</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Summary        | 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. [provided by RefSeq] |
| Other Designations  | JNK activating kinase 1 JNK-activated kinase 1 MAP kinase kinase 4 MAPK/ERK kinase 4 SAPK/ERK kinase 1 c-Jun N-terminal kinase kinase 1 dual specificity mitogen-activated protein kinase kinase 4                                                                                                                                                                                                                                                                                                                                                                                       |

## Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)

- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

## Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)