

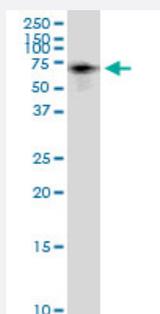
MaxPab®

# MAP3K7IP1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00010454-D01

Size 100 uL

## Applications



### Immunoprecipitation

Immunoprecipitation of MAP3K7IP1 transfected lysate using anti-MAP3K7IP1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MAP3K7IP1 purified MaxPab mouse polyclonal antibody (B01P) ([H00010454-B01P](#)).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human MAP3K7IP1 protein.
<b>Immunogen</b>	MAP3K7IP1 (NP_006107.1, 1 a.a. ~ 504 a.a) full-length human protein.
<b>Sequence</b>	MAAQRRSLLQSEQQPSWTDDLPLCHLSGVGSASNRSYSADGKGTESHPPEDSWLKFRSENNC FLYGVFNQYDGNRVTNFVAQRLSAELLGQLNAEHAEADVRRVLLQAFDVVERSFLESIDDALAE KASLQSQLPEGVPPQHQLPPQYQKILERLKTLEREISGGAMAVVAVLLNNKLYVANVGTNRALLCK STVDGLQVTQLNVDHTTENEDLFRSLQLGLDAGKIKQVGIICGQESTRRIGDYKVKYGYTDIDLLS AAKSKPIIAEPEIHGAQPLDGVTGFLVLMSEGLYKALEAAHGGPGQANQEIAAMIDTEFAKQTSLEDAV AQAVVDRVKRIHSDTFASGGERARFCPRHEDMTLLVRNFGYPLGEMSQPTPSPAPAAGGRVYP VSPVYSSAQSTSKTSVTLVMPVQGMVNGAHSASTLDEATPTLTNQSPTLTLQSTNTHTQSSS SSSDGGFLFRSRPAHSLPPGEDGRVEPYVDFAEFYRLWSVDHGEQSVVTAP
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	No additive
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunoprecipitation

Immunoprecipitation of MAP3K7IP1 transfected lysate using anti-MAP3K7IP1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MAP3K7IP1 purified MaxPab mouse polyclonal antibody (B01P) ([H00010454-B01P](#)).

[Protocol Download](#)

## Gene Info — MAP3K7IP1

Entrez GeneID [10454](#)

GeneBank Accession# [NM\\_006116](#)

Protein Accession# [NP\\_006107.1](#)

Gene Name MAP3K7IP1

Gene Alias 3'-Tab1, MGC57664, TAB1

Gene Description mitogen-activated protein kinase kinase kinase 7 interacting protein 1

Omim ID [602615](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activates TAK1 kinase. It has been shown that the C-terminal portion of this protein is sufficient for binding and activation of TAK1, while a portion of the N-terminus acts as a dominant-negative inhibitor of TGF beta, suggesting that this protein may function as a mediator between TGF beta receptors and TAK1. This protein can also interact with and activate the mitogen-activated protein kinase 14 (MAPK14/p38alpha), and thus represents an alternative activation pathway, in addition to the MAPKK pathways, which contributes to the biological responses of MAPK14 to various stimuli. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

**Other Designations** TAK1-binding protein 1|transforming growth factor beta-activated kinase-binding protein 1

## Pathway

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

## Disease

- [Arthritis](#)
- [Crohn Disease](#)