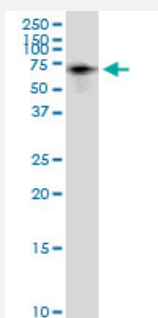


# MAP3K7IP1 (Human) IP-WB Antibody Pair

Catalog # H00010454-PW1

Size 1 Set

## Applications



Immunoprecipitation of MAP3K7IP1 transfected lysate using rabbit polyclonal anti-MAP3K7IP1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-MAP3K7IP1.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MAP3K7IP1 transfected lysate using rabbit polyclonal anti-MAP3K7IP1 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-MAP3K7IP1.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-MAP3K7IP1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-MAP3K7IP1 (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — MAP3K7IP1

**Entrez GeneID** [10454](#)

**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 (MAPK 14/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](#)