

DNAxPAb

Hard-to-Find
Antibody

MAP3K7IP1 DNAxPab

Catalog # H00010454-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human MAP3K7IP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MAP3K7IP1

Entrez GeneID	10454
GeneBank Accession#	NM_006116.2
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	<p>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]</p>
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](#)