

Datasheet for ABIN390847  
**anti-TAB1 antibody (AA 416-445)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	TAB1
Binding Specificity:	AA 416-445
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAB1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MAP3K7IP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 416-445 amino acids from human MAP3K7IP1.
Clone:	RB12875
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	TAB1
Alternative Name:	MAP3K7IP1 ( <a href="#">TAB1 Products</a> )

## Target Details

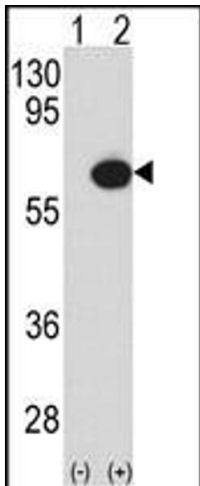
Background:	MAP3K7IP1 was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activates TAK1 kinase. It has been shown that 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.
Molecular Weight:	54644
Gene ID:	10454
NCBI Accession:	<a href="#">NP_006107</a> , <a href="#">NP_705717</a>
UniProt:	<a href="#">Q15750</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

**Image 1.** Western blot analysis of P3K7IP1 (arrow) using rabbit polyclonal P3K7IP1-p (ABIN390847 and ABIN2841073). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the P3K7IP1 gene (Lane 2) (Origene Technologies).