

Datasheet for ABIN390845  
**anti-TAB1 antibody (AA 401-430)**[Go to Product page](#)

## 1 Image

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 400 µL                              |
| Target:              | TAB1                                |
| Binding Specificity: | AA 401-430                          |
| 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 401-430 amino acids from human MAP3K7IP1. |
| Clone:        | RB12711   |
| Isotype:      | Ig Fraction   |
| 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> )  |
| Background:       | MAP3K7IP1 was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, |

## Target Details

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.

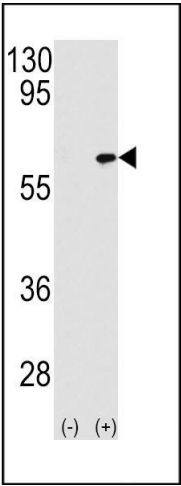
|                   |   |
|-------------------|---|
| Molecular Weight: | 54644   |
| Gene ID:          | 10454   |
| NCBI Accession:   | <a href="#">NP_006107</a> , <a href="#">NP_705717</a>   |
| UniProt:          | <a href="#">Q15750</a>  |
| Pathways:         | <a href="#">TLR Signaling</a> , <a 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 (ABIN390845 and ABIN2841072). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the P3K7IP1 gene (Lane 2) (Origene Technologies).