

## Product datasheet

# Anti-TNIP1 antibody ab236984

3 Images

### Overview

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|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-TNIP1 antibody   |
| <b>Description</b>         | Rabbit polyclonal to TNIP1  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB, IHC-P, ICC/IF  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Rat, Human  |
| <b>Immunogen</b>           | Recombinant fragment corresponding to Human TNIP1 aa 500 to the C-terminus.<br>Database link: <a href="#">Q15025-1</a><br><a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>   |
| <b>Positive control</b>    | IHC-P: Human skeletal muscle tissue. ICC/IF: HeLa cells. WB: Rat kidney tissue lysate.  |
| <b>General notes</b>       | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

### Properties

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|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 7.40<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol (glycerin, glycerine), PBS                              |
| <b>Purity</b>               | Protein G purified  |
| <b>Purification notes</b>   | Purity >95%.  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab236984 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| WB          |           | Use a concentration of 7 µg/ml. Predicted molecular weight: 72 kDa. |
| IHC-P       |           | 1/200 - 1/500.  |
| ICC/IF      |           | 1/50 - 1/200.   |

## Target

### Function

Interacts with zinc finger protein A20/TNFAIP3 and inhibits TNF-induced NF-kappa-B-dependent gene expression by interfering with an RIP- or TRAF2-mediated transactivation signal (By similarity). Increases cell surface CD4(T4) antigen expression. Interacts with HIV-1 matrix protein and is packaged into virions and overexpression can inhibit viral replication. May regulate matrix nuclear localization, both nuclear import of PIC (Preintegration complex) and export of GAG polyprotein and viral genomic RNA during virion production.

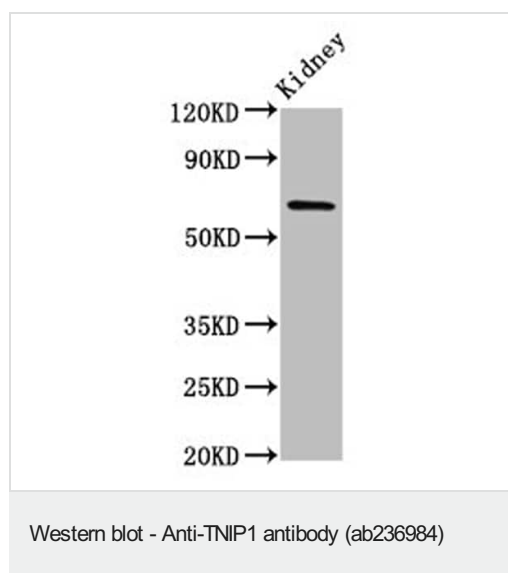
### Tissue specificity

Ubiquitous. Strongly expressed in peripheral blood lymphocytes, spleen and skeletal muscle, and is weakly expressed in the brain.

### Cellular localization

Cytoplasm. Nucleus. Shuttles between the nucleus and cytoplasm in a CRM1-dependent manner.

## Images



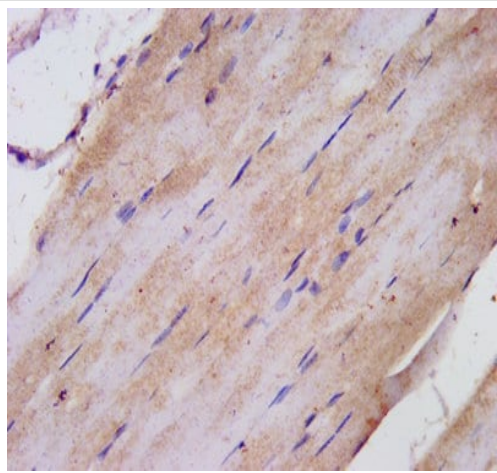
Positive WB detected in: Rat kidney tissue.

All lanes: ab236984 antibody at 7µg/ml.

Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution.

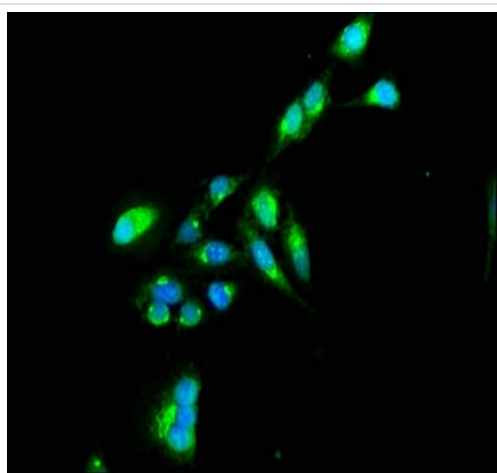
Predicted band size: 72, 67, 65, 63, 62 kDa

Observed band size: 72 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TNIP1 antibody (ab236984)

Paraffin-embedded human skeletal muscle tissue stained for TNIP1 with ab236984 at 1/300 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-TNIP1 antibody (ab236984)

HeLa (Human epithelial cell line from cervix adenocarcinoma) cells stained for TNIP1 (green) using ab236984 at 1/100 dilution in ICC/IF.

The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal goat serum. The cells were then incubated with the primary antibody overnight at 4°C. Secondary used is an Alexa-Fluor<sup>®</sup>488-conjugated Goat Anti-Rabbit IgG (H+L). Counterstained with DAPI.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

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