



## Product datasheet

### Anti-TIA1 antibody ab205063

2 Images

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-TIA1 antibody  |
| <b>Description</b>         | Rabbit polyclonal to TIA1   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> IHC-P, WB  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | Recombinant fragment corresponding to Human TIA1 aa 1-200. from Isoform 3: BC015944<br>Database link: <a href="#">P31483-3</a><br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>   |
| <b>Positive control</b>    | K562 cell lysate. Human brain tissue.   |
| <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

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Lyophilized:Reconstitute in 200ul sterile H2O.  |
| <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: 7.20<br>Preservative: 0.02% Sodium azide<br>Constituents: 98% PBS, 1% BSA   |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab205063 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  |
|-------------|-----------|--|
| IHC-P       |           | 1/100 - 1/500.   |
| WB          |           | 1/200 - 1/1000. Detects a band of approximately 43 kDa (predicted molecular weight: 43, 42, 24 kDa). |

## Target

### Function

Involved in alternative pre-RNA splicing and regulation of mRNA translation by binding to AU-rich elements (AREs) located in mRNA 3' untranslated regions (3' UTRs). Possesses nucleolytic activity against cytotoxic lymphocyte target cells. May be involved in apoptosis.

### Sequence similarities

Contains 3 RRM (RNA recognition motif) domains.

### Cellular localization

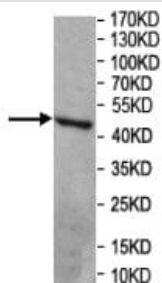
Cytoplasmic granule. Nucleus. Accumulates in cytoplasmic stress granules (SG) following cellular damage.

## Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human brain tissue labeling TIA1 with ab205063 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIA1 antibody (ab205063)



Anti-TIA1 antibody (ab205063) at 1/500 dilution + K562 cell lysate

**Predicted band size:** 43, 42, 24 kDa

Western blot - Anti-TIA1 antibody (ab205063)

**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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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

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