




## Product datasheet

### Anti-TRAK1 antibody ab28751

★ ★ ★ ★ ★ [2 Abreviews](#) [2 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-TRAK1 antibody
<b>Description</b>	Goat polyclonal to TRAK1
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Chimpanzee 
<b>Immunogen</b>	Synthetic peptide: GAKLSKQTSLR, corresponding to C terminal amino acids 943-953 of Human TRAK1.  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human Heart 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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	This antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab28751 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	★☆☆☆☆ (2)	Use a concentration of 0.3 - 1.5 µg/ml. Detects a band of approximately 90 kDa (predicted molecular weight: 106 kDa). A 1 hour primary incubation is recommended for this product.

## Target

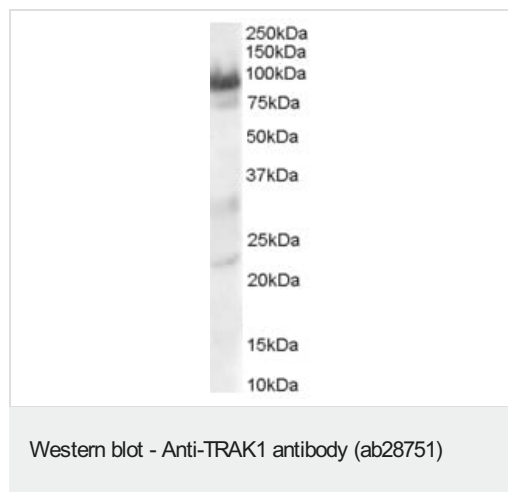
### Relevance

The specific function of TRAK1 remains unknown. It interacts with O-GlcNAc transferase, RHOT1/Miro-1 and RHOT2/Miro-2. It shows high expression in spinal cord and moderate expression in all other tissues and specific brain regions examined.

### Cellular localization

Nuclear

## Images



Anti-TRAK1 antibody (ab28751) at 0.3 µg/ml + human heart lysate (RIPA buffer, 30µg total protein per lane)

**Predicted band size:** 106 kDa

**Observed band size:** 90 kDa

Primary incubation was for 1 hour.

Detected by western blot using chemiluminescence.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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