


# Anti-TRIOBP antibody - C-terminal ab151320

[1 References](#) [4 Images](#)

## Overview

<b>Product name</b>	Anti-TRIOBP antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to TRIOBP - C-terminal
<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> Mouse, Human <b>Predicted to work with:</b> Cow 
<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 1833 and 2061 of Human TRIOBP (Uniprot: Q9H2D6).
<b>Positive control</b>	A549, HeLa, HepG2, HCT116 and NIH 3T3 whole cell lysates; Human MDA MB 157 xenograft tissue; HeLa cells.
<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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
<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 ab151320 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		1/500 - 1/3000. Predicted molecular weight: 261 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. 10mM Citrate buffer
ICC/IF		1/100 - 1/1000.

## Target

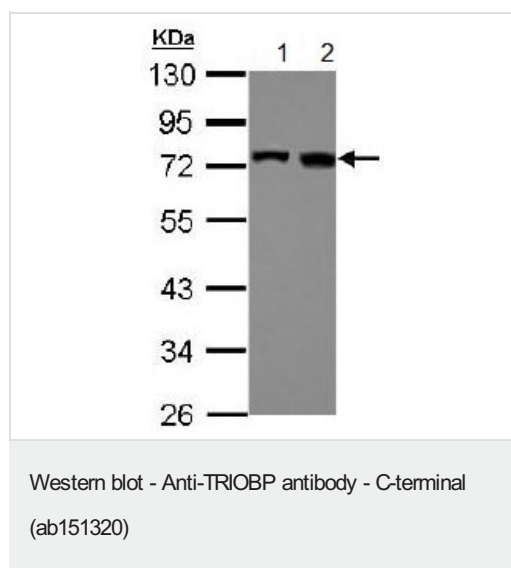
### Relevance

TRIOBP is a protein that interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility and cell growth. This trio binding protein also associates with F actin and stabilizes F actin structures.

### Cellular localization

Nucleus. Cytoplasm; cytoskeleton. Note: Localized to F-actin in a periodic pattern.

## Images



**All lanes :** Anti-TRIOBP antibody - C-terminal (ab151320) at 1/1000 dilution

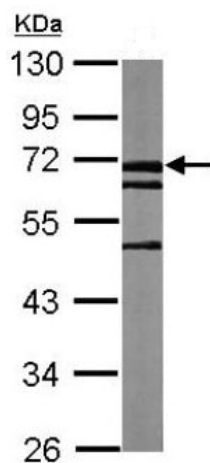
**Lane 1 :** HeLa whole cell lysate

**Lane 2 :** HepG2 whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 261 kDa

10% SDS PAGE

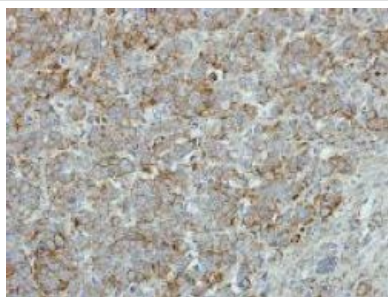


Western blot - Anti-TRIOBP antibody - C-terminal (ab151320)

Anti-TRIOBP antibody - C-terminal (ab151320) at 1/1000 dilution + NIH 3T3 whole cell lysate at 30 µg

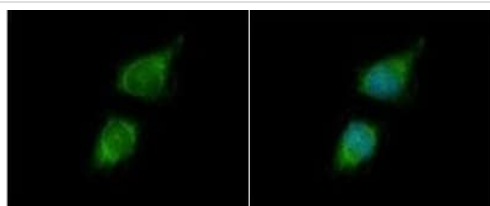
**Predicted band size:** 261 kDa

10% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIOBP antibody - C-terminal (ab151320)

Immunohistochemical analysis of paraffin-embedded Human MDA-MB-157 xenograft tissue labeling TRIOBP with ab151320 at 1/100 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-TRIOBP antibody - C-terminal (ab151320)

Immunofluorescent analysis of paraformaldehyde-fixed HeLa cells labeling TRIOBP using ab151320 at 1/200 dilution. Right image shows cells co-stained with Hoechst 33342.

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

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