




## Product datasheet

# Anti-TGFBRAP1 antibody ab220084

[2 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-TGFBRAP1 antibody
<b>Description</b>	Rabbit polyclonal to TGFBRAP1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Cow 
<b>Immunogen</b>	Recombinant fragment corresponding to Human TGFBRAP1 aa 450-600. Database link: <a href="#">Q8WUH2</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	RT-4 cell lysate and human tonsil tissue lysate; A431 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

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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: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% 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 ab220084 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 0.04 - 0.4 µg/ml. Predicted molecular weight: 97 kDa.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

## Target

### Function

Plays a role in the TGF-beta/activin signaling pathway. It associates with inactive heteromeric TGF-beta and activin receptor complexes, mainly through the type II receptor, and is released upon activation of signaling. May recruit SMAD4 to the vicinity of the receptor complex and facilitate its interaction with receptor-regulated Smads, such as SMAD2.

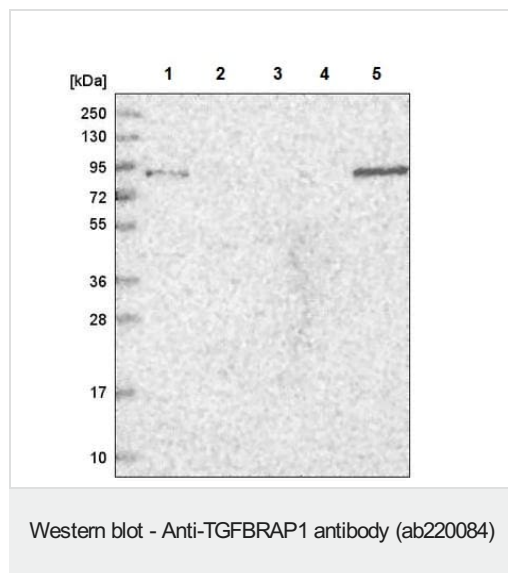
### Sequence similarities

Belongs to the TRAP1 family.  
Contains 1 CNH domain.

### Cellular localization

Cytoplasm. Colocalizes with TGF-beta receptors in the absence of signaling.

## Images



**All lanes** : Anti-TGFBRAP1 antibody (ab220084) at 1/100 dilution

**Lane 1** : RT-4 cell lysate

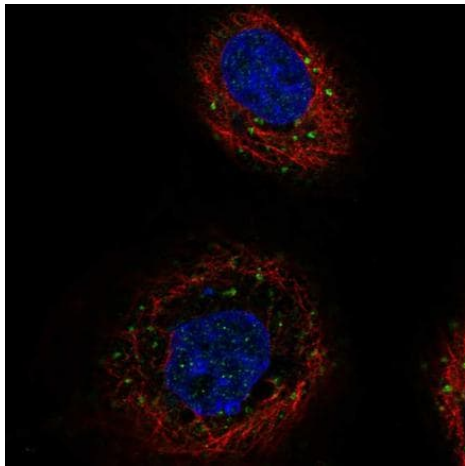
**Lane 2** : U-251 MG cell lysate

**Lane 3** : Human plasma lysate

**Lane 4** : Human liver tissue lysate

**Lane 5** : Human tonsil tissue lysate

**Predicted band size:** 97 kDa



Immunofluorescent analysis of PFA, triton X-100 permeabilized A431 cells labeling TGFBRAP1 using ab220084 at 4 µg/mL (green).

Immunocytochemistry/ Immunofluorescence - Anti-TGFBRAP1 antibody (ab220084)

**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
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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.

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