



## Product datasheet

# Anti-TCN1 antibody ab202121

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

### Overview

<b>Product name</b>	Anti-TCN1 antibody
<b>Description</b>	Rabbit polyclonal to TCN1
<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>Immunogen</b>	Recombinant full length protein corresponding to Human TCN1 aa 1 to the C-terminus. Database link: <a href="#">P20061</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	U2OS cells; BT474 and HT-29 cell lysates.
<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. 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: 7.30 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
<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 ab202121 in the following tested applications.

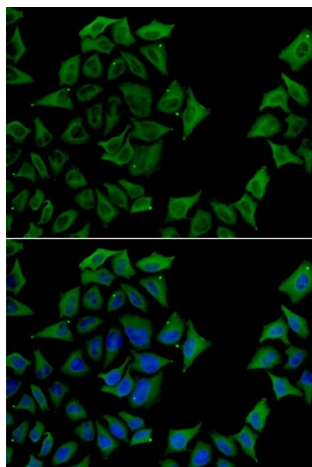
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 48 kDa.
ICC/IF		Use at an assay dependent dilution.

## Target

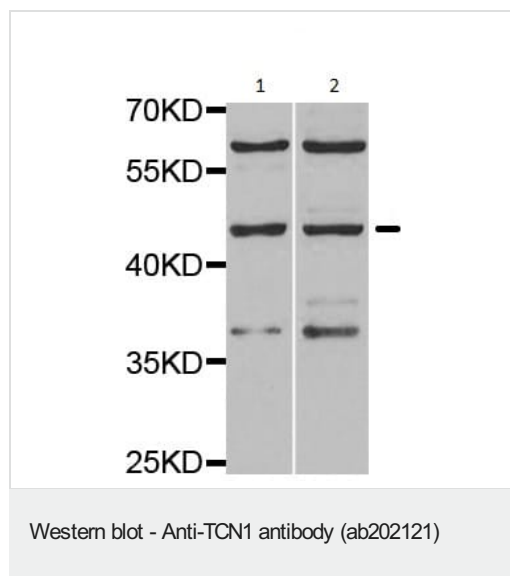
Function	Vitamin B12-binding protein. Transports cobalamin into cells.
Tissue specificity	Neutrophil granule protein.
Sequence similarities	Belongs to the eukaryotic cobalamin transport proteins family.
Post-translational modifications	Contains about 30% carbohydrates.
Cellular localization	Secreted.

## Images



Immunocytochemistry/ Immunofluorescence of U2OS cells labelling TCN1 (blue) with ab202121.

Immunocytochemistry/ Immunofluorescence - Anti-TCN1 antibody (ab202121)



**All lanes :** Anti-TCN1 antibody (ab202121) at 1/500 dilution

**Lane 1 :** BT474 cell lysate

**Lane 2 :** HT-29 cell lysate

**Predicted band size:** 48 kDa

**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

- 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

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