



## Product datasheet

# Anti-TTC37 antibody ab122421

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

### Overview

<b>Product name</b>	Anti-TTC37 antibody
<b>Description</b>	Rabbit polyclonal to TTC37
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	antigen sequence: QLGLTYWFMG EETRKDKTKA LTHFLKAARL DTYMGKVFCY LGHYRDVVG DKNRARGCYR KAFELDDTDA ESGAAVDLS VELEDMEMAL AILTTVTQK, corresponding to amino acids 459-557 of Human TTC37. <a href="#"> Run BLAST with ExPASy</a> <a href="#"> Run BLAST with NCBI</a>
<b>Positive control</b>	Human stomach 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>	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: 7.20 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 ab122421 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
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

### Tissue specificity

Widely expressed with the highest levels observed in vascular tissues, lymph node, pituitary, lung and intestine. Not expressed in the liver.

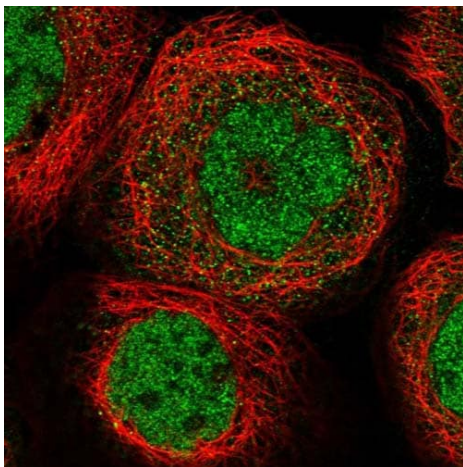
### Involvement in disease

Note=Defects in TTC37 are associated with Trico-Hepato-Enteric syndrome (THE). THE syndrome is a rare and severe autosomal recessive condition that associates intractable diarrhea with facial dysmorphism, intrauterine growth retardation immunodeficiency with low serum concentrations of immunoglobulins and hair abnormalities characterized by woolly hair.

### Sequence similarities

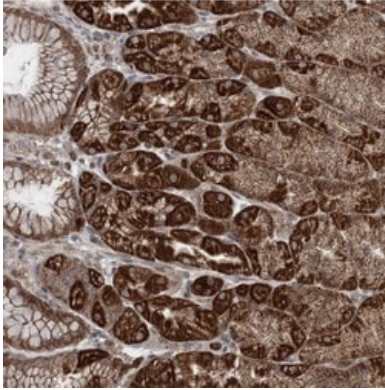
Contains 20 TPR repeats.

## Images



Immunofluorescent staining of Human cell line A-431 shows positivity in nucleus but not nucleoli and cytoplasm. Recommended concentration of ab122421 1-4 µg/ml. Cells treated with PFA/Triton X-100.

Immunocytochemistry/ Immunofluorescence - Anti-TTC37 antibody (ab122421)



ab122421 at 1/35 dilution staining TTC37 in Paraffin-embedded Human stomach tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TTC37 antibody (ab122421)

**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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