


Anti-TRIM32 antibody ab96612

[7 References](#) [3 Images](#)

Overview

Product name	Anti-TRIM32 antibody
Description	Rabbit polyclonal to TRIM32
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow 
Immunogen	Recombinant fragment, corresponding to a sequence within amino acids 1-259 of Human TRIM32 (AAH03154).
Positive control	293T and MOLT4 whole cell lysates; H441 Xenograft.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab96612 in the following tested applications.

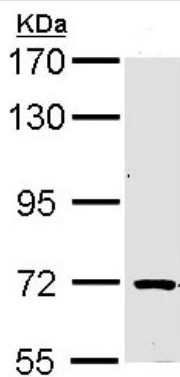
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 72 kDa.
IHC-P		1/100 - 1/250.
ICC/IF		1/100 - 1/500.

Target

Function	Has an E3 ubiquitin ligase activity. Ubiquitinates DTNBP1 (dysbindin) and promotes its degradation. May play a significant role in mediating the biological activity of the HIV-1 Tat protein in vivo. Binds specifically to the activation domain of HIV-1 Tat and can also interact with the HIV-2 and EIAV Tat proteins in vivo.
Tissue specificity	Spleen, thymus, prostate, testis, ovary, intestine, colon and skeletal muscle.
Pathway	Protein modification; protein ubiquitination.
Involvement in disease	<p>Limb-girdle muscular dystrophy 2H (LGMD2H) [MIM:254110]: An autosomal recessive degenerative myopathy characterized by pelvic girdle, shoulder girdle and quadriceps muscle weakness. Clinical phenotype and severity are highly variable. Disease progression is slow and most patients remain ambulatory into the sixth decade of life. Note=The disease is caused by mutations affecting the gene represented in this entry.</p> <p>Bardet-Biedl syndrome 11 (BBS11) [MIM:209900]: A syndrome characterized by usually severe pigmentary retinopathy, early-onset obesity, polydactyly, hypogenitalism, renal malformation and mental retardation. Secondary features include diabetes mellitus, hypertension and congenital heart disease. Bardet-Biedl syndrome inheritance is autosomal recessive, but three mutated alleles (two at one locus, and a third at a second locus) may be required for clinical manifestation of some forms of the disease. Note=The disease is caused by mutations affecting the gene represented in this entry.</p>
Sequence similarities	<p>Belongs to the TRIM/RBCC family.</p> <p>Contains 1 B box-type zinc finger.</p> <p>Contains 5 NHL repeats.</p> <p>Contains 1 RING-type zinc finger.</p>
Post-translational modifications	Ubiquitinated.
Cellular localization	Cytoplasm. Localized in cytoplasmic bodies, often located around the nucleus.

Images

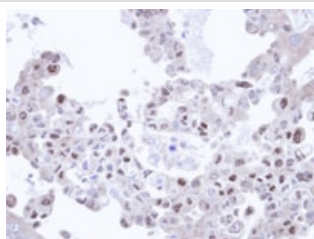


Western blot - Anti-TRIM32 antibody (ab96612)

Anti-TRIM32 antibody (ab96612) at 1/1000 dilution + 293T whole cell lysate at 30 µg

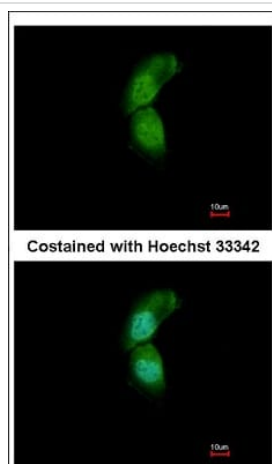
Predicted band size: 72 kDa

7.5% SDS PAGE.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIM32 antibody (ab96612)

ab96612 at 1/100 dilution staining TRIM32 in H441 Xenograft by Immunohistochemistry, Paraffin-embedded tissue.



Immunocytochemistry/ Immunofluorescence - Anti-TRIM32 antibody (ab96612)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using TRIM32(ab96612) antibody at 1:500 dilution.

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

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

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors