


Product datasheet

Anti-TRIM47 antibody ab72234

2 Images

Overview

Product name	Anti-TRIM47 antibody
Description	Rabbit polyclonal to TRIM47
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Rabbit, Cow, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
Immunogen	Synthetic peptide from a region between residue 125 and 175 of human TRIM47, NP_258411.2.
Positive control	Whole cell lysate from Hela and 293T cells.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab72234** 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		
IP		

Application notes

IP: Use at 2-5µg/mg of lysate.
WB: 1/2000 - 1/10000. Detects bands of approximately 70 and 80 and 130 kDa (predicted molecular weight: 70 kDa).

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

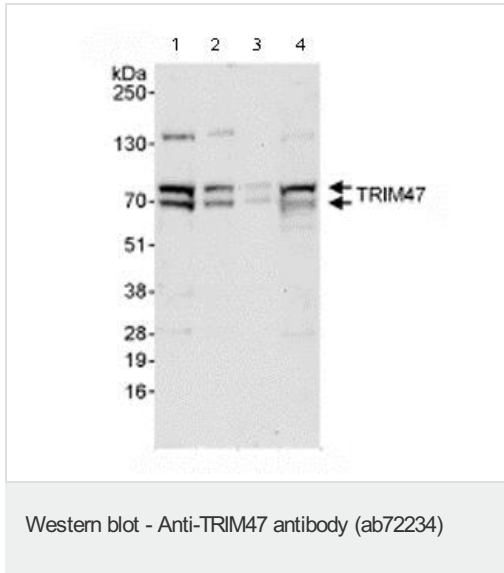
Relevance

TRIM47 belongs to the TRIM/RBCC family. It contains one B box type zinc finger, one B30.2/SPRY domain and one RING type zinc finger. TRIM47 has low expression in most tissues; higher expression in kidney tubular cells and over expressed in astrocytoma tumor cells.

Cellular localization

Cytoplasm. Nucleus

Images



All lanes : Anti-TRIM47 antibody (ab72234) at 0.04 $\mu\text{g/ml}$

Lane 1 : Whole cell lysate from HeLa cells at 50 μg

Lane 2 : Whole cell lysate from HeLa cells at 15 μg

Lane 3 : Whole cell lysate from HeLa cells at 5 μg

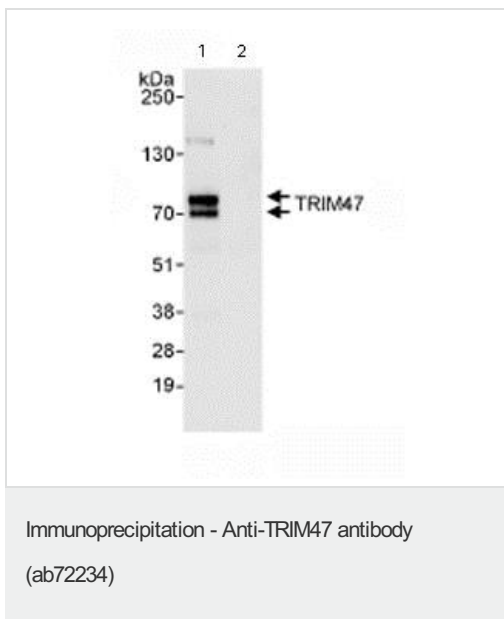
Lane 4 : Whole cell lysate from 293T cells at 50 μg

Predicted band size: 70 kDa

Observed band size: 70,80 kDa

[why is the actual band size different from the predicted?](#)

Additional bands at: 130 kDa. We are unsure as to the identity of these extra bands.



Immunoprecipitation/ Western Blot of TRIM47.

Lane 1: ab72234 at 3 $\mu\text{g/mg}$ whole cell lysate.

Lane 2: Control IgG.

ab72234 at 1 $\mu\text{g/ml}$ for WB.

Whole cell lysate from HeLa cells at 1mg for IP, 20% of IP loaded.

Chemiluminescence with an exposure time of 3 seconds.

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

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Terms and conditions

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