

Product datasheet

Anti-TRIM4 antibody - N-terminal ab229952

3 Images

Overview

<b>Product name</b>	Anti-TRIM4 antibody - N-terminal
<b>Description</b>	Rabbit polyclonal to TRIM4 - N-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human TRIM4 aa 1-118 (N terminal). Sequence:  MEAEDIQEELTCPICLDYFQDPVSIIEGHNFCRGCLHR NWAPGGGPFPCP ECRHPSAPAALRPNWALARLTEKTQRRRLGPVPPGL CGRHWEPLRLFCED DQRPVCLVCRESQEHQTH  Database link: <a href="#">Q9C037</a>  <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: MCF7, HeLa and A459 whole cell lysates; Rat brain and heart tissue lysates. IHC-P: Human colon cancer tissue. ICC/IF: HepG2 cells.
<b>General notes</b>	Previously labelled as RNF87.

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: 7.4 Preservative: 0.03% Proclin Constituents: PBS, 50% Glycerol
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purity >95%.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab229952** in the following tested applications.

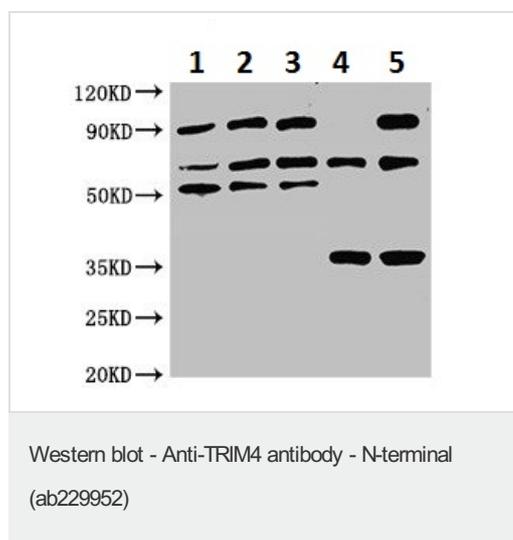
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.
WB		1/500 - 1/5000. Detects a band of approximately 54,62,34,90 kDa (predicted molecular weight: 57,54,34 kDa).
ICC/IF		1/50 - 1/200.

## Target

<b>Sequence similarities</b>	Belongs to the TRIM/RBCC family. Contains 1 B box-type zinc finger. Contains 1 B30.2/SPRY domain. Contains 1 RING-type zinc finger.
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## Images



**Lanes 1-4** : Anti-TRIM4 antibody - N-terminal (ab229952) at 1/500 dilution

**Lane 5** : Anti-TRIM4 antibody - N-terminal (ab229952) at 500 µg/ml

**Lane 1** : MCF7 (human breast adenocarcinoma cell line) whole cell lysate

**Lane 2** : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

**Lane 3** : A549 (human lung carcinoma cell line) whole cell lysate

**Lane 4** : Rat brain tissue lysate

**Lane 5** : Rat heart tissue lysate

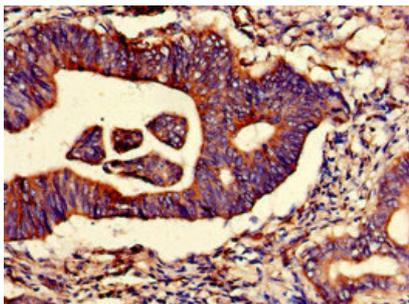
### Secondary

**All lanes** : Goat anti-rabbit IgG at 1/50000 dilution

**Predicted band size:** 57,54,34 kDa

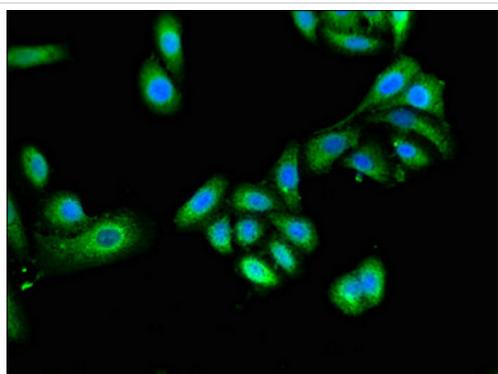
**Observed band size:** 35,55,62,90 kDa

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIM4 antibody - N-terminal (ab229952)

Paraffin-embedded human colon cancer tissue stained for TRIM4 using ab229952 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-TRIM4 antibody - N-terminal (ab229952)

HepG2 (human liver hepatocellular carcinoma cell line) cells stained for TRIM4 (green) using ab229952 at 1/100 dilution in ICC/IF, followed by Alexa Fluor<sup>®</sup> 488-conjugated Goat Anti-Rabbit IgG(H+L) as secondary antibody.

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

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