

Product datasheet

Anti-TRIM71/LIN41 antibody ab105330

★★★★★ [2 Abreviews](#) [2 References](#) [3 Images](#)

Overview

Product name	Anti-TRIM71/LIN41 antibody
Description	Rabbit polyclonal to TRIM71/LIN41
Host species	Rabbit
Tested applications	Suitable for: WB, ICC
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human TRIM71/LIN41 (C terminal). Database link: Q2Q1W2
Positive control	Human brain tissue lysate
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. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab105330 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	★★★★★ (2)	Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 93 kDa.
ICC		Use a concentration of 5 - 20 µg/ml.

Target

Function

E3 ubiquitin-protein ligase that cooperates with the microRNAs (miRNAs) machinery and promotes embryonic stem cells proliferation and maintenance. Binds to miRNAs and associates with AGO2, participating in post-transcriptional repression of transcripts such as CDKN1A. Facilitates the G1-S transition to promote rapid embryonic stem cell self-renewal by repressing CDKN1A expression. Required to maintain proliferation and prevent premature differentiation of neural progenitor cells during early neural development: positively regulates FGF signaling by controlling the stability of SHCBP1.

Tissue specificity

Specifically expressed in testis.

Pathway

Protein modification; protein ubiquitination.

Sequence similarities

Belongs to the TRIM/RBCC family.
Contains 2 B box-type zinc fingers.
Contains 1 filamin repeat.
Contains 6 NHL repeats.
Contains 1 RING-type zinc finger.

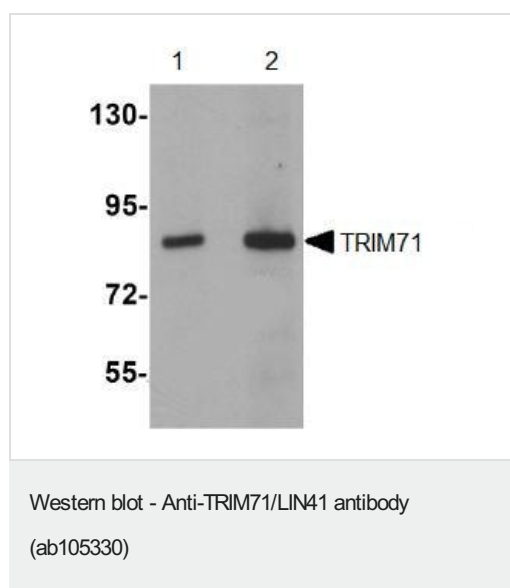
Post-translational modifications

Autoubiquitinated.

Cellular localization

Cytoplasm, P-body.

Images



Lane 1 : Anti-TRIM71/LIN41 antibody (ab105330) at 1 µg/ml

Lane 2 : Anti-TRIM71/LIN41 antibody (ab105330) at 2 µg/ml

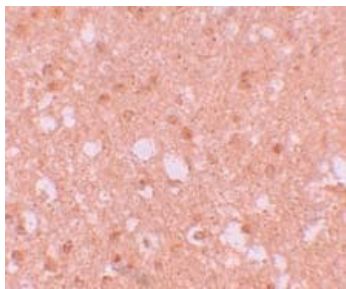
All lanes : Human brain tissue lysate

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Anti-rabbit secondary antibody

Predicted band size: 93 kDa



Immunohistochemistry of TRIM71/LIN41 in human brain tissue with ab105330 at 5 µg/ml.

Immunocytochemistry - Anti-TRIM71/LIN41 antibody
(ab105330)

Immunocytochemistry - Anti-TRIM71/LIN41 antibody
(ab105330)

Immunofluorescence of TRIM71/LIN41 in Human Brain cells using ab105330 at 20 µg/ml.

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

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