



Product datasheet

Anti-TBC1D2 antibody - N-terminal ab176701

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Overview

Product name	Anti-TBC1D2 antibody - N-terminal
Description	Rabbit polyclonal to TBC1D2 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human TBC1D2 aa 1-50 (N terminal). The exact sequence is proprietary. Sequence: MEGAGENAPESSSSAPGSEESARDPQVPPPEESGDC ARSLEAVPKKLCG Database link: Q9BYX2  Run BLAST with  Run BLAST with
Positive control	Recombinant Human TBC1D2 protein (ab163081) can be used as a positive control in WB. HeLa, 293T and Jurkat whole cell lysates.
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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 99% Tris buffered saline, 0.1% BSA
Purity	Immunogen affinity purified

Clonality Polyclonal
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab176701 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

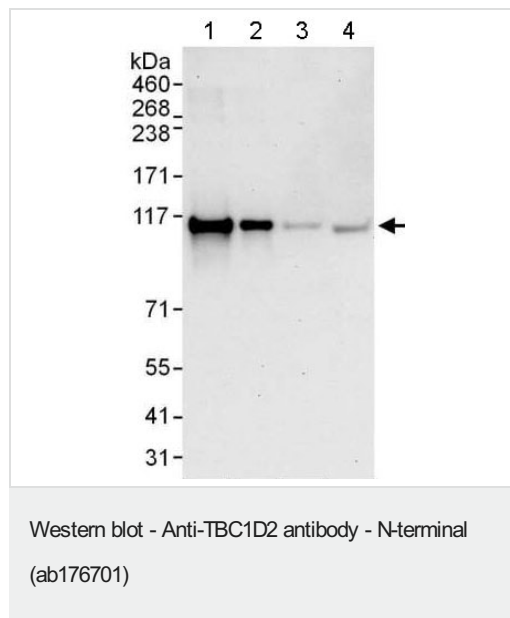
Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 105 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

Relevance Acts as GTPase-activating protein for RAB7A. Signal effector acting as a linker between RAC1 and RAB7A, leading to RAB7A inactivation and subsequent inhibition of cadherin degradation and reduced cell-cell adhesion. Interacts with activated RAC1 and CDH1.

Cellular localization Cytoplasm. Cytoplasmic vesicle. Cell junction

Images



All lanes : Anti-TBC1D2 antibody - N-terminal (ab176701) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

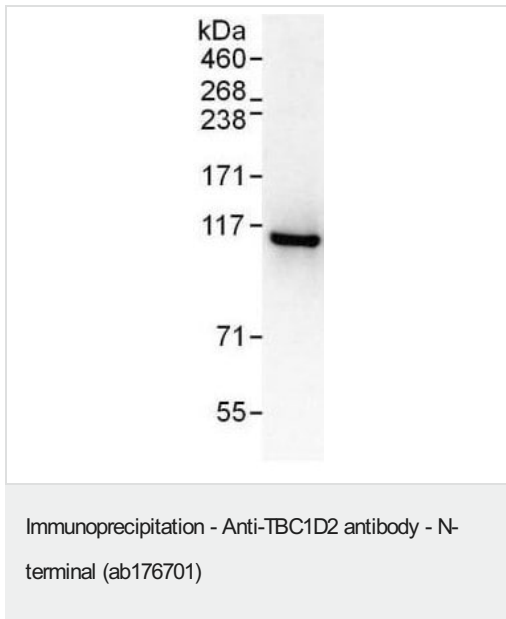
Lane 3 : 293T whole cell lysate at 50 µg

Lane 4 : Jurkat whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 105 kDa

Exposure time: 30 seconds



Detection of TBC1D2 by Western Blot of Immunoprecipitate.

Western blot using ab176701 at 0.4 µg/ml staining TBC1D2 in HeLa whole cell lysate immunoprecipitated using ab176701 at 6 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with exposure times of 3 seconds

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

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