

Datasheet for ABIN2775984

anti-TRIM14 antibody (Middle Region)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	TRIM14
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM14 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TRIM14
Sequence:	LVEAVESTLQ TPLDIRLKES INCQLSDPSS TKPGTLLKTS PSPERSLLLK
Predicted Reactivity:	Horse: 92%, Human: 100%, Mouse: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against TRIM14. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TRIM14
Alternative Name:	TRIM14 (TRIM14 Products)

Target Details

Background:	<p>The protein encoded by TRIM14 is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies and its function has not been determined. Four alternatively spliced transcript variants for this gene have been described. The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies and its function has not been determined. Four alternatively spliced transcript variants for this gene have been described.</p> <p>Alias Symbols: KIAA0129</p> <p>Protein Interaction Partner: RNF2, UBC,</p> <p>Protein Size: 442</p>
Molecular Weight:	50 kDa
Gene ID:	9830
NCBI Accession:	NM_014788 , NP_055603
UniProt:	Q14142

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 442 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

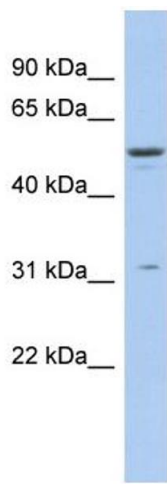
Publications

Product cited in: Majumder, Cash, Fisk: "Non-Overlapping Distributions and Functions of the VDAC Family in Ciliogenesis." in: **Cells**, Vol. 4, Issue 3, pp. 331-53, (2015) ([PubMed](#)).

Majumder, Fisk: "VDAC3 and Mps1 negatively regulate ciliogenesis." in: **Cell cycle (Georgetown, Tex.)**, Vol. 12, Issue 5, pp. 849-58, (2013) ([PubMed](#)).

Majumder, Slabodnick, Pike, Marquardt, Fisk: "VDAC3 regulates centriole assembly by targeting Mps1 to centrosomes." in: **Cell cycle (Georgetown, Tex.)**, Vol. 11, Issue 19, pp. 3666-78, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TRIM14 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate