

Datasheet for ABIN2780865 anti-TRIM32 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	TRIM32
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM32 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TRIM32
Sequence:	MAAAAASHLN LDALREVLEC PICMESFTEE QLRPKLLHCG HTICRQCLEK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 93%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TRIM32. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TRIM32
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Target Details

Alternative Name:	TRIM32 (TRIM32 Products)
Background:	<p>TRIM32 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. TRIM32 localizes to cytoplasmic bodies. The protein has also been localized to the nucleus, where it interacts with the activation domain of the HIV-1 Tat protein. The Tat protein activates transcription of HIV-1 genes. 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. The protein has also been localized to the nucleus, where it interacts with the activation domain of the HIV-1 Tat protein. The Tat protein activates transcription of HIV-1 genes.</p> <p>Alias Symbols: HT2A, BBS11, TATIP, LGMD2H</p> <p>Protein Interaction Partner: PTPN11, PDE9A, PTCD2, CLIP4, KCTD9, UBQLN1, TRIM32, RABAC1, ABI2, SCGB1A1, UBE2E1, UBE2D1, UBC, TP53, SDCBP, UBE2U, SYT6, MYCN, CEP250, CUL3, GPRASP2, GLIS2, YWHAB, TP73, UBE2D3, UBE2D2, HSP90AA1, SFN, YWHAQ, YWHAZ, YWHAH, YWHAG, YWHAE, NOTCH1, UBD, TOP1,</p> <p>Protein Size: 653</p>
Molecular Weight:	72 kDa
Gene ID:	22954
NCBI Accession:	NM_012210 , NP_036342
UniProt:	Q13049
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 653 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 %

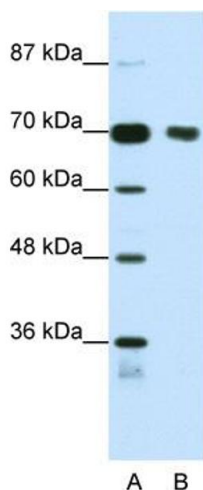
Handling

	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
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:	Antala, Ovchinnikov, Kamisetty, Baker, Dempski: "Computation and Functional Studies Provide a Model for the Structure of the Zinc Transporter hZIP4." in: The Journal of biological chemistry , Vol. 290, Issue 29, pp. 17796-805, (2015) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-TRIM32 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate