

Datasheet for ABIN2792137
anti-TIAL1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	TIAL1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Zebrafish (Danio rerio), Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIAL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TIAL1
Sequence:	WNQQGFGVDQ SPSAAWMGGF GAQPPQGQAP PPVIPPPNQA GYGMASYQTQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 85%, Rabbit: 100%, Rat: 85%, Zebrafish: 76%
Characteristics:	This is a rabbit polyclonal antibody against TIAL1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TIAL1
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Target Details

Alternative Name:	TIAL1 (TIAL1 Products)
Background:	The protein encoded by TIAL1 is a member of a family of RNA-binding proteins and possesses nucleolytic activity against cytotoxic lymphocyte target cells. The gene product is a cytotoxic granule-associated protein and has been shown to bind specifically to poly(A) homopolymers and to fragment DNA in permeabilized target cells. It has been suggested that members of this protein family may be involved in the induction of apoptosis. One isoform contains a lysosome-targeting motif in its C-terminal auxiliary domain, however, alternative splicing results in a T-cluster DNA-binding isoform, differing at the C-terminus where a hydrophobic sequence replaces the lysosome-targeting motif. Alias Symbols: TCBP, TIAR Protein Interaction Partner: SUMO2, UBC, RPA3, RPA2, RPA1, BMI1, SOX2, MAPK1, GADD45A, VCAM1, ITGA4, FN1, MRPL53, SARNP, UFM1, SBDS, MRPS28, TOMM40, ACAA2, GNB2L1, SF3B4, SCAMP3, SCO2, ALDH5A1, VDAC1, UBE2D2, THY1, SOD1, MBNL1, CAND1, DCUN1D1, COPS5, COPS6, CUL1, CUL2, CUL3, CUL4A, C Protein Size: 375
Molecular Weight:	42 kDa
Gene ID:	7073
NCBI Accession:	NM_003252 , NP_003243
UniProt:	Q01085

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 375 AA
Restrictions:	For Research Use only

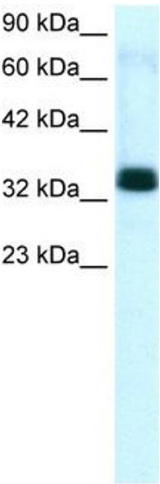
Handling

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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-TIAL1 Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate TIAL1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells