

Datasheet for ABIN2463661
anti-TIAL1 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	TIAL1
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIAL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TIAL1.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	TIAL1
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-

Target Details

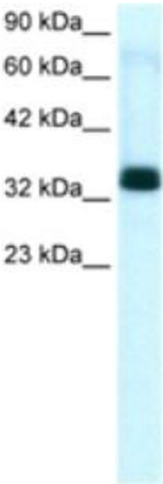
	targeting motif in its C-terminal auxiliary domain, however, alternative splicing results in a T-cluster DNA-binding isoform, differing at the C-terminus where a hydrophobic sequence replaces the lysosome-targeting motif.
Molecular Weight:	42 kDa
Gene ID:	7073
NCBI Accession:	NP_003243
UniProt:	Q01085

Application Details

Application Notes:	TIAL1 antibody can be used for detection of TIAL1 by ELISA at 1:62500. TIAL1 antibody can be used for detection of TIAL1 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store TIAL1 antibody at -20 °C.



Western Blotting

Image 1.