

Datasheet for ABIN925990  
**anti-TIAL1 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µg
Target:	TIAL1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIAL1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	TIAL1 antibody was raised in rabbit using the C terminal of TIAL1 as the immunogen
Cross-Reactivity:	Dog (Canine), Mouse (Murine), Rat (Rattus), Chicken, Frog, Zebrafish (Brachydanio rerio)

## Target Details

Target:	TIAL1
Alternative Name:	TIAL1 ( <a href="#">TIAL1 Products</a> )
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. Synonyms: Polyclonal TIAL1 antibody, Anti-TIAL1 antibody, TIA1 cytotoxic granule-associated RNA binding protein-like 1 antibody.

## Application Details

Application Notes:	WB: 1.25 µg/mL Optimal conditions should be determined by the investigator.
Comment:	TIAL1 Blocking Peptide, catalog no. 33R-9984, is also available for use as a blocking control in assays to test for specificity of this TIAL1 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## Images



### Western Blotting

**Image 1.** TIAL1 antibody (20R-1289) used at 0.2-1 µg/ml to detect target protein.