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# Datasheet for ABIN7173357 anti-TRIB1 antibody (AA 3-91)

3 Images



## Overview

Quantity:	100 µg
Target:	TRIB1
Binding Specificity:	AA 3-91
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

# Product Details

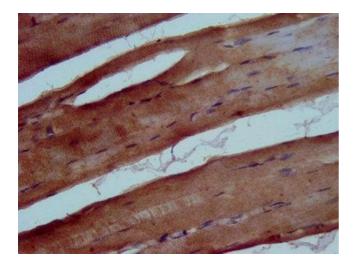
Immunogen:	Recombinant Human Tribbles homolog 1 protein (3-91AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	TRIB1
Alternative Name:	TRIB1 (TRIB1 Products)
Background:	Background: Adapter protein involved in protein degradation by interacting with RFWD2/COP1
	ubiquitin ligase (PubMed:27041596). The RFWD2-binding motif is masked by autoinhibitory

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interactions with the protein kinase domain (PubMed:26455797). Serves to alter RFWD2
substrate specificity by directing the activity of RFWD2 toward CEBPA (PubMed:27041596).
Binds selectively the recognition sequence of CEBPA (PubMed:26455797). Regulates myeloid
cell differentiation by altering the expression of CEBPA in a RFWD2-dependent manner (By
similarity). Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding
domain (By similarity). Interacts with MAPK kinases and regulates activation of MAP kinases,
but has no kinase activity (PubMed:15299019, PubMed:26455797).
Aliases: C8FW antibody, G-protein-coupled receptor-induced gene 2 protein antibody, GIG-2
antibody, GIG2 antibody, SKIP1 antibody, TRB-1 antibody, TRB1 antibody, Trib1 antibody,
TRIB1_HUMAN antibody, Tribbles homolog 1 antibody
Q96RU8
Smooth Muscle Cell Migration
Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,
For Research Use only
Liquid
Liquid Preservative: 0.03 % Proclin 300
Preservative: 0.03 % Proclin 300
Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4 ProClin
Preservative: 0.03 % Proclin 300   Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4   ProClin   This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be



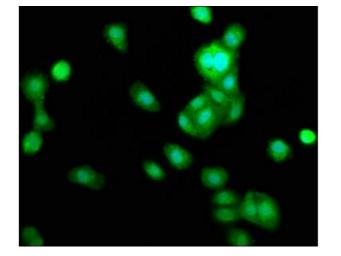
# $120KD \rightarrow R^{(a)}$ $90KD \rightarrow 50KD \rightarrow 35KD \rightarrow 25KD \rightarrow 20KD \rightarrow 0$

## Immunohistochemistry

**Image 1.** IHC image of ABIN7173357 diluted at 1:500 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Raji whole cell lysate All lanes: TRIB1 antibody at 4.3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 42, 24 kDa Observed band size: 42 kDa



## Immunofluorescence

**Image 3.** Immunofluorescence staining of HepG2 cells with ABIN7173357 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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