

Datasheet for ABIN652876
anti-TRIB2 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	TRIB2
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This TRIB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TRIB2.
Clone:	RB9215
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	TRIB2
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Target Details

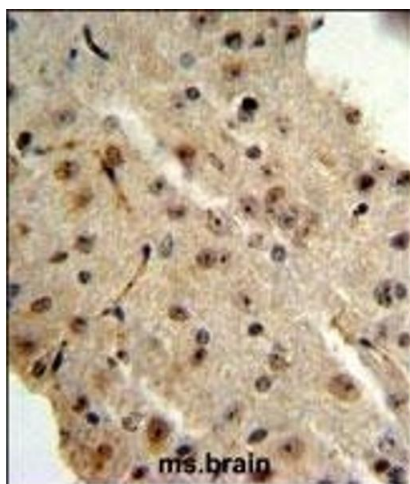
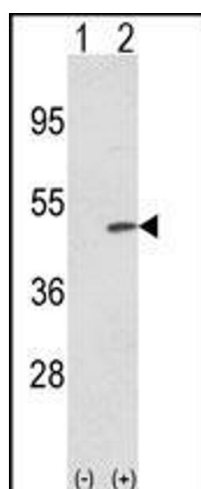
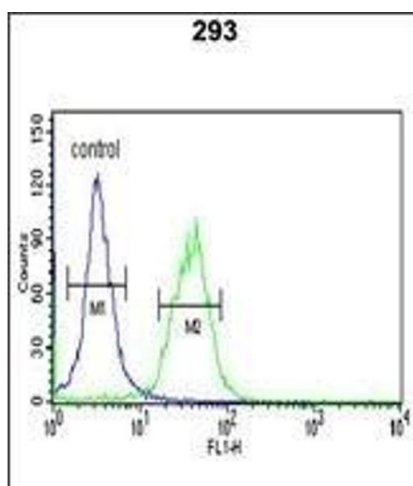
Alternative Name:	TRIB2 (TRIB2 Products)
Background:	TRIB2 is one of three members of the Tribbles family. The Tribbles members share a Trb domain, which is homologous to protein serine-threonine kinases, but lacks the active site lysine and probably lacks a catalytic function. The Tribbles proteins interact and modulate the activity of signal transduction pathways in a number of physiological and pathological processes. This Tribbles member induces apoptosis of cells mainly of the hematopoietic origin. It has been identified as a protein up-regulated by inflammatory stimuli in myeloid (THP-1) cells, and also as an oncogene that inactivates the transcription factor C/EBPalpha (CCAAT/enhancer-binding protein alpha) and causes acute myelogenous leukemia.
Molecular Weight:	38801
Gene ID:	28951
NCBI Accession:	NP_067675
UniProt:	Q92519

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. TRIB2 Antibody (N-term) (ABIN652876 and ABIN2842567) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of TRIB2 (arrow) using rabbit polyclonal TRIB2 N-term (ABIN652876 and ABIN2842567). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected with the TRIB2 gene (Lane 2).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. TRIB2 Antibody (N-term) (ABIN652876 and ABIN2842567) IHC analysis in formalin fixed and paraffin embedded mouse brain followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TRIB2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.