

Anti-TRIB2 Picoband Antibody
Catalog # ABO12586**Specification****Anti-TRIB2 Picoband Antibody - Product Information**

Application	WB, IHC
Primary Accession	Q92519
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Tribbles homolog 2 (TRIB2) detection. Tested with WB, IHC-P in Human; Mouse; Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-TRIB2 Picoband Antibody - Additional Information

Gene ID 28951

Other Names

Tribbles homolog 2, TRB-2, TRIB2 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=30809)
HGNC:30809

Calculated MW

38801 MW KDa

Application Details

Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat
Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Cytoplasm . Cytoplasm, cytoskeleton . May associate with the cytoskeleton. .

Tissue Specificity

Highly expressed in peripheral blood leukocytes. .

Protein Name

Tribbles homolog 2

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of human TRIB2 (175-211aa DLKLRKFIFKDEERTRVKLESLEDAYILRGDDDSLSD), identical to the related mouse sequence.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-TRIB2 Picoband Antibody - Protein Information

Name TRIB2 ([HGNC:30809](#))

Function

Interacts with MAPK kinases and regulates activation of MAP kinases. Does not display kinase activity (By similarity).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton. Note=May associate with the cytoskeleton.

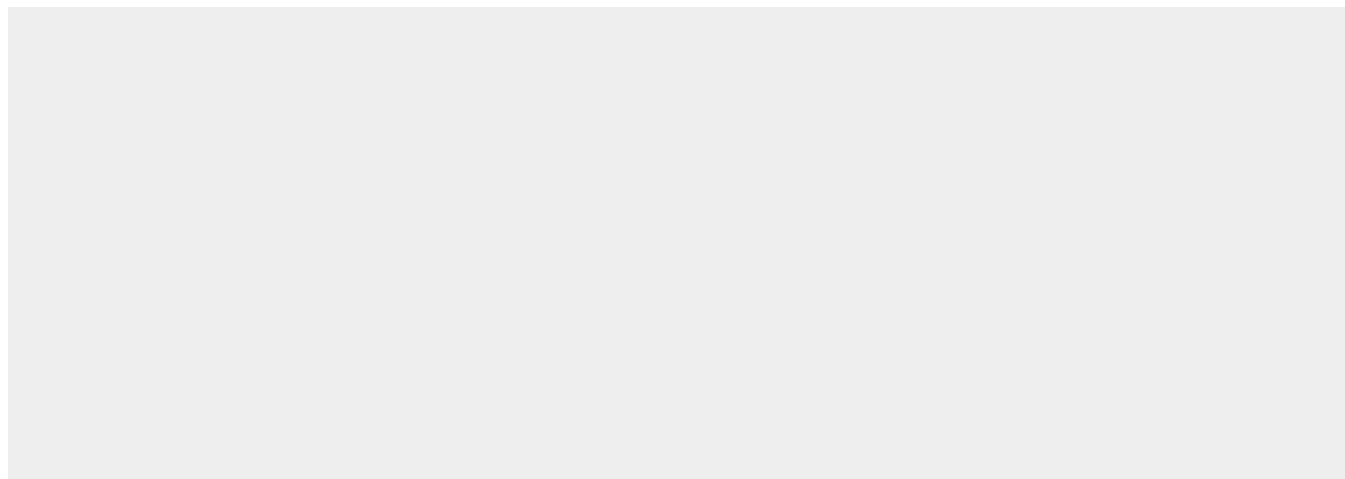
Tissue Location

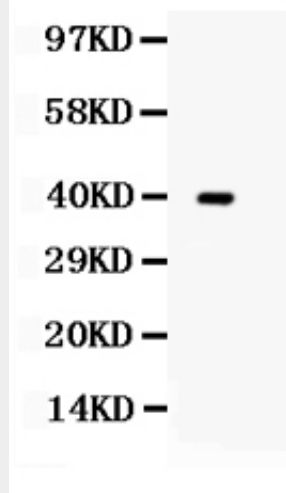
Highly expressed in peripheral blood leukocytes.

Anti-TRIB2 Picoband Antibody - Protocols

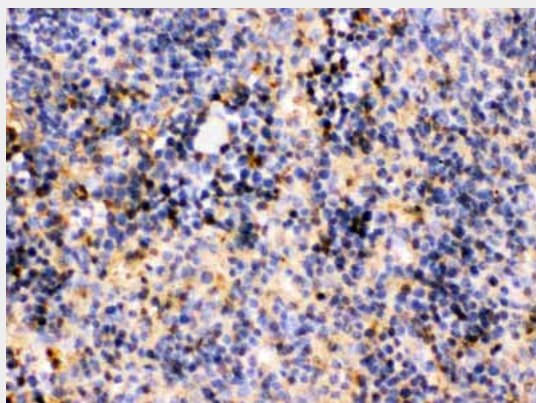
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

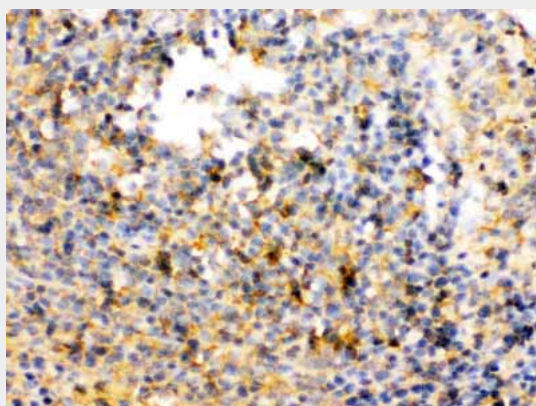
Anti-TRIB2 Picoband Antibody - Images



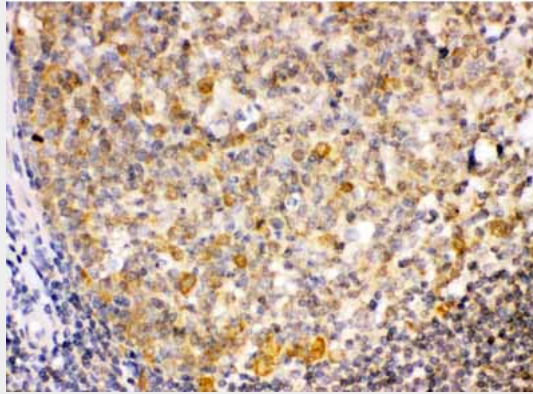
Western blot analysis of TRIB2 expression in SW620 whole cell lysates (lane 1). TRIB2 at 39KD was detected using rabbit anti- TRIB2 Antigen Affinity purified polyclonal antibody (Catalog # ABO12586) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .



TRIB2 was detected in paraffin-embedded sections of mouse spleen tissues using rabbit anti-TRIB2 Antigen Affinity purified polyclonal antibody (Catalog # ABO12586) at 1 µg/mL. The immunohistochemical section was developed using SABC method .



TRIB2 was detected in paraffin-embedded sections of rat spleen tissues using rabbit anti- TRIB2 Antigen Affinity purified polyclonal antibody (Catalog # ABO12586) at 1 µg/mL. The immunohistochemical section was developed using SABC method .



TRIB2 was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti-TRIB2 Antigen Affinity purified polyclonal antibody (Catalog # ABO12586) at 1 μ g/mL. The immunohistochemical section was developed using SABC method .

Anti-TRIB2 Picoband Antibody - Background

Tribbles homolog 2 is a protein that in humans is encoded by the TRIB2 gene. This gene encodes 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/EBP alpha (CCAAT/enhancer-binding protein alpha) and causes acute myelogenous leukemia. Alternatively spliced transcript variants have been found for this gene.