10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TRIB2 Picoband Antibody
Catalog # ABO12586

Specification

Anti-TRIB2 Picoband Antibody - Product Information

Application	**WB, IHC-P**
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 (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 r˚Constitution, 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 Cytomety
- Cell Culture

Anti-TRIB2 Picoband Antibody - Images

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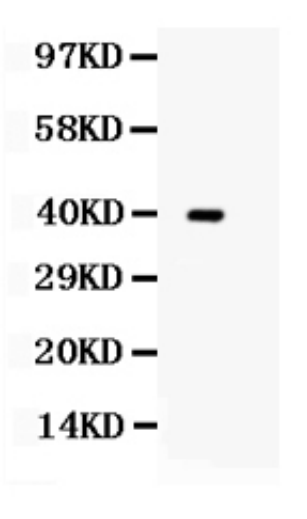
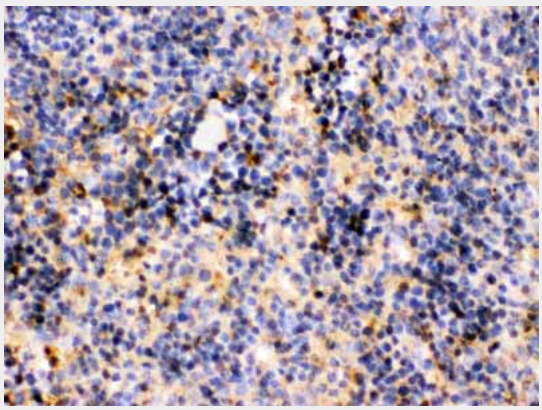
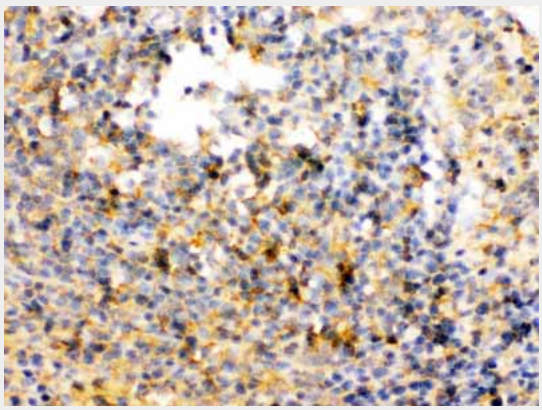


Western blot analysis of TRIB2 expression in SW620 whole cell lysates (lane 1). TRIB2 at 39KD was detected using rabbit anti- TRIB2 Antigen Affinity purified polyclonal antibody (Catalog # ABO12586) at0.5 ??g/mL. The blot was developed using chemiluminescence (ECL) method .



TRIB2 was detected in paraffin-embedded sections of mouse spleen tissues using rabbit anti- TRIB2 Antigen Affinity purified polyclonal antibody (Catalog # ABO12586) at 1 Î¼g/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 Î¼g/mL. The immunohistochemical section was developed using SABC method .

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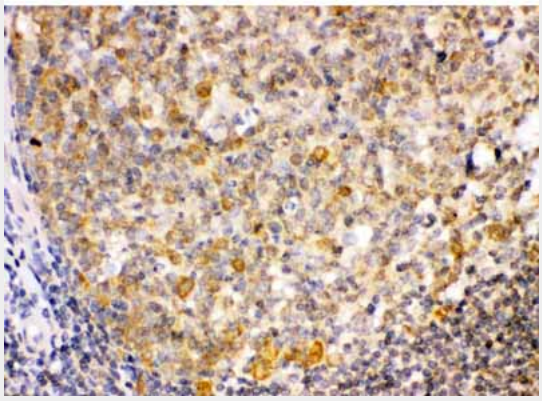

TRIB2 was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti-TRIB2 Antigen Affinity purified polyclonal antibody (Catalog # ABO12586) at 1 Î¼g/mL. The immunohistochemical section was developed using SABC method .

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.