

Anti-TRAF5 Picoband Antibody
Catalog # ABO13003**Specification**

Anti-TRAF5 Picoband Antibody - Product Information

Application	WB
Primary Accession	O00463
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for TNF receptor-associated factor 5 (TRAF5) detection. Tested with WB in Human; Mouse; Rat.

Reconstitution

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

Anti-TRAF5 Picoband Antibody - Additional Information

Gene ID 7188

Other Names

TNF receptor-associated factor 5, RING finger protein 84, TRAF5, RNF84

Calculated MW

64406 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human, Mouse, Rat

Subcellular Localization

Cytoplasm . Cytoplasm, cytosol .

Tissue Specificity

Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon, and peripheral blood.

Contents

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

Immunogen

E. coli-derived human TRAF5 recombinant protein (Position: K277-L557). Human TRAF5 shares 82.3% amino acid (aa) sequence identity with mouse TRAF5.

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-TRAF5 Picoband Antibody - Protein Information

Name TRAF5

Synonyms RNF84

Function

Adapter protein and signal transducer that links members of the tumor necrosis factor receptor family to different signaling pathways by association with the receptor cytoplasmic domain and kinases. Mediates activation of NF-kappa-B and probably JNK. Seems to be involved in apoptosis. Plays a role in mediating activation of NF- kappa-B by EIF2AK2/PKR.

Cellular Location

Cytoplasm. Cytoplasm, cytosol

Tissue Location

Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon, and peripheral blood

Anti-TRAF5 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](#)

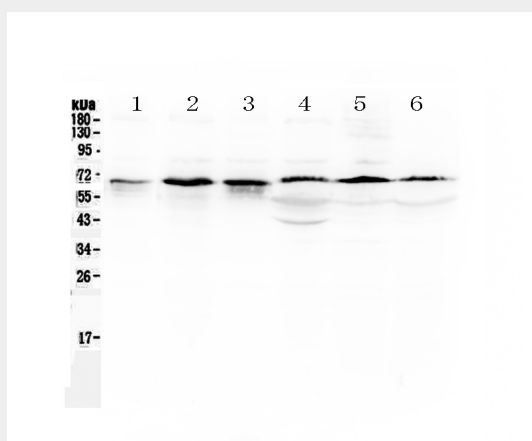
Anti-TRAF5 Picoband Antibody - Images

Figure 1. Western blot analysis of TRAF5 using anti-TRAF5 antibody (ABO13003).

Anti-TRAF5 Picoband Antibody - Background

TNF receptor-associated factor 5, also known as RNF84, is a protein that in humans is encoded by the TRAF5 gene. The scaffold protein encoded by this gene is a member of the tumor necrosis factor receptor-associated factor (TRAF) protein family. Fluorescence in situ hybridization confirmed the regional localization of human TRAF5 to chromosome 1q32.2-q32.3. This protein is one of the components of a multiple protein complex which binds to tumor necrosis factor (TNF) receptor cytoplasmic domains and mediates TNF-induced activation. It is an adapter protein and signal transducer that links members of the tumor necrosis factor receptor family to different signaling pathways by association with the receptor cytoplasmic domain and kinases. It seems to be involved in apoptosis.