

Anti-TRAIL Antibody
Catalog # ABO10741**Specification**

Anti-TRAIL Antibody - Product Information

Application	WB
Primary Accession	P50592
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Tumor necrosis factor ligand superfamily member 10(TNFSF10) detection. Tested with WB, IHC-P in Mouse;Rat.

Reconstitution

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

Anti-TRAIL Antibody - Additional Information

Gene ID 22035

Other Names

Tumor necrosis factor ligand superfamily member 10, TNF-related apoptosis-inducing ligand, Protein TRAIL, CD253, Tnfsf10, Trail

Calculated MW

33477 MW KDa

Application Details

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

Subcellular Localization

Membrane ; Single-pass type II membrane protein .

Tissue Specificity

Widespread.

Protein Name

Tumor necrosis factor ligand superfamily member 10

Contents

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

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of mouse TRAIL(272-291aa NEHLM₂LDLQ₂EASFFGAFLIN), different from the related rat sequence by one amino acid.

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-TRAIL Antibody - Protein Information

Name Tnfsf10

Synonyms Trail

Function

Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P50591}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:P50591} Secreted {ECO:0000250|UniProtKB:P50591}. Note=Exists both as membrane- bound and soluble form. {ECO:0000250|UniProtKB:P50591}

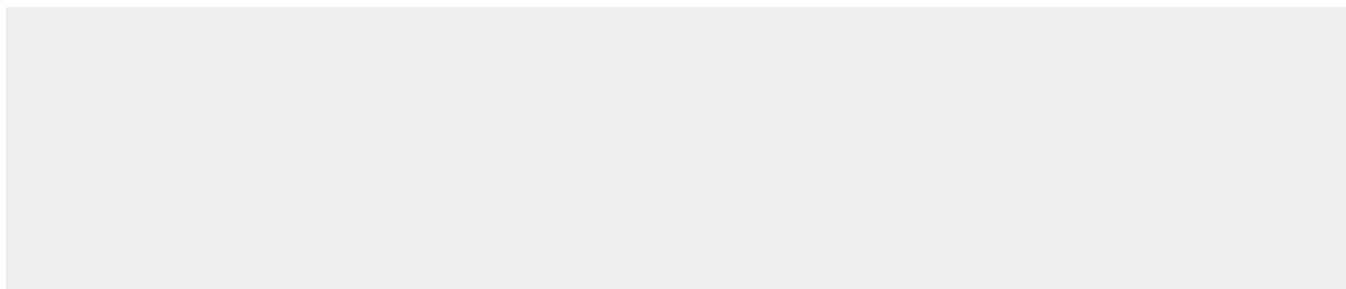
Tissue Location

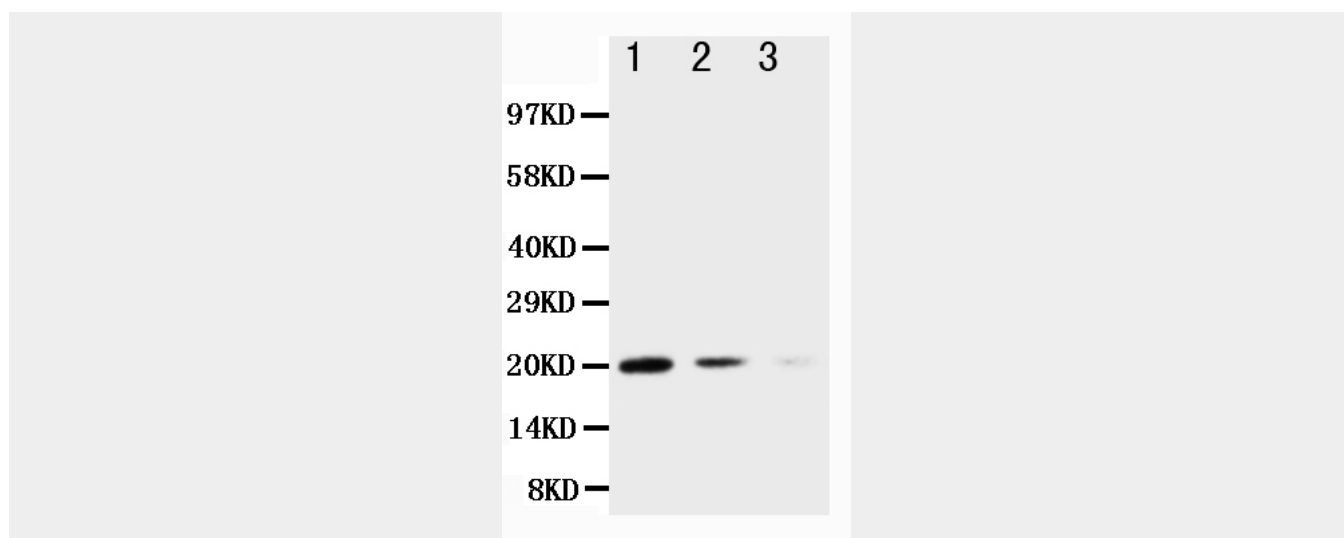
Widespread.

Anti-TRAIL 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-TRAIL Antibody - Images



Anti-TRAIL antibody, ABO10741, Western blotting
Lane 1: Recombinant Mouse Trail Protein 10ng
Lane 2: Recombinant Mouse Trail Protein 5ng
Lane 3: Recombinant Mouse Trail Protein 2ng

Anti-TRAIL Antibody - Background

Tumor necrosis factor receptor superfamily member 1A (TNFRSF1A) is a protein that in humans is encoded by the TNFRSF1A gene. The protein encoded by this gene is a member of the Tumor necrosis factor receptor superfamily, which also contains TNFRSF1B. The TNFR1 gene is mapped to 12pter-cen. it encodes a protein of 455 amino acids. This receptor can activate the transcription factor NF-KB, mediate apoptosis, and function as a regulator of inflammation.