

Anti-TNFsR I Antibody
Catalog # ABO10740**Specification**

Anti-TNFsR I Antibody - Product Information

Application	WB
Primary Accession	P25118
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 1A(TNFRSF1A) detection. Tested with WB in Mouse;Rat.

Reconstitution

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

Anti-TNFsR I Antibody - Additional Information

Gene ID 21937

Other Names

Tumor necrosis factor receptor superfamily member 1A, Tumor necrosis factor receptor 1, TNF-R1, Tumor necrosis factor receptor type I, TNF-RI, TNFR-I, p55, p60, CD120a, Tnfrsf1a, Tnfr-1, Tnfr1

Calculated MW

50130 MW KDa

Application Details

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

Subcellular Localization

Cell membrane; Single-pass type I membrane protein. Golgi apparatus membrane ; Single-pass type I membrane protein .

Protein Name

Tumor necrosis factor receptor superfamily member 1A

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 N-terminus of mouse TNFRSF1A(127-141aa CKENQFQRYLSETHF), 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.

Sequence Similarities

Contains 1 death domain.

Anti-TNFR I Antibody - Protein Information

Name Tnfrsf1a

Synonyms Tnfr-1, Tnfr1

Function

Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis (By similarity).

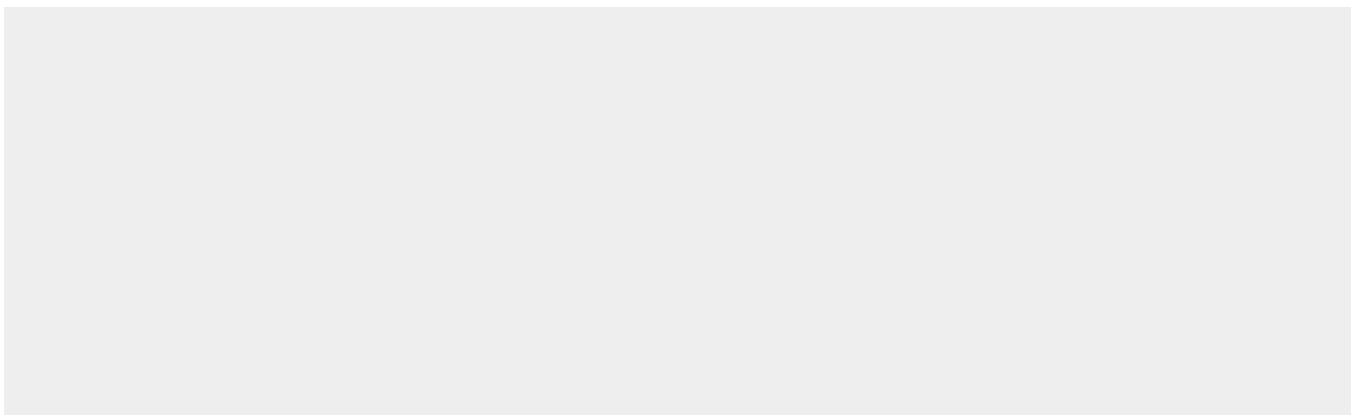
Cellular Location

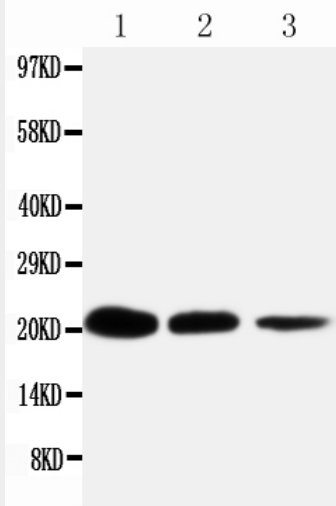
Cell membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein

Anti-TNFR I 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-TNFR I Antibody - Images



Anti-TNFRSF1A antibody, ABO10740, Western blotting
Lane 1: Recombinant Mouse TNFRSF1A Protein 10ng
Lane 2: Recombinant Mouse TNFRSF1A Protein 5ng
Lane 3: Recombinant Mouse TNFRSF1A Protein 2.5ng

Anti-TNFsR I 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.