

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

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**Anti-TNFsR I Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P25118</a>
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<br>

**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 Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**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).

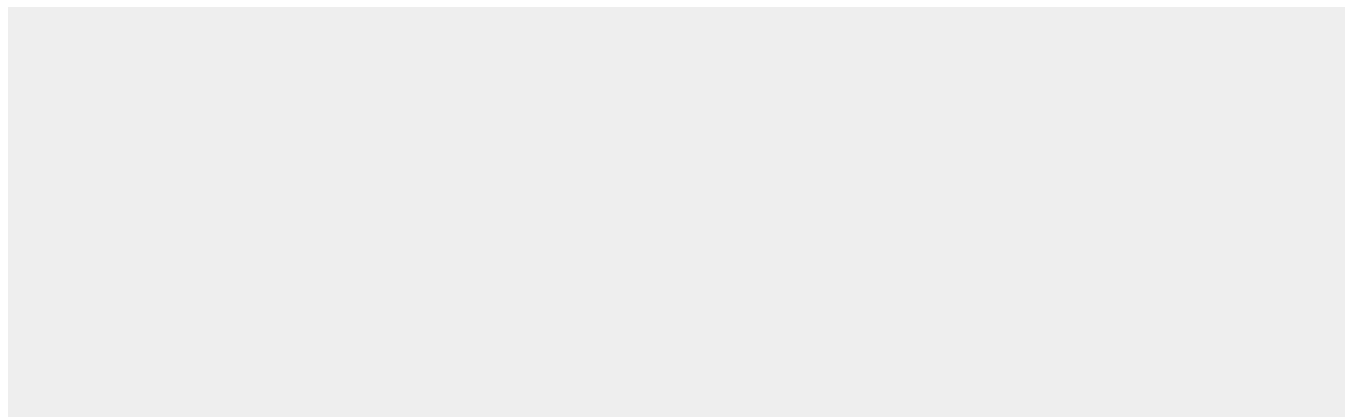
**Cellular Location**

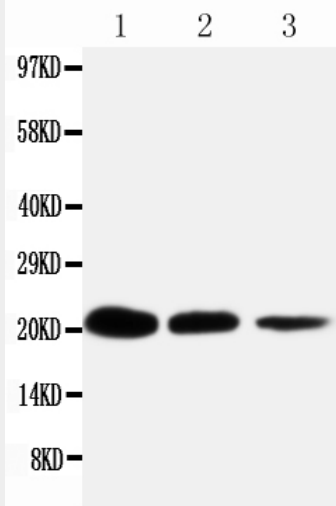
Cell membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein

**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.