

## Basic Information

Product Name	Anti-TNFR1/TNFRSF1A Antibody
Gene Name	TNFRSF1A
Source	Rabbit
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	E.coli-derived human TNFRSF1A recombinant protein (Position: F89-N145). Human TNFRSF1A shares 67.3% and 69.1% amino acid (aa) sequence identity with mouse and rat TNFRSF1A, respectively.
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	55-60KD
Dilution Ratios	Western blot(WB):1:500-2000

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

Tumor necrosis factor receptor superfamily member 1A (TNFRSF1A), also known as TNFR1, 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. And this receptor can activate the transcription factor NF-κB, mediate apoptosis, and function as a regulator of inflammation.

## Selected Validation Data

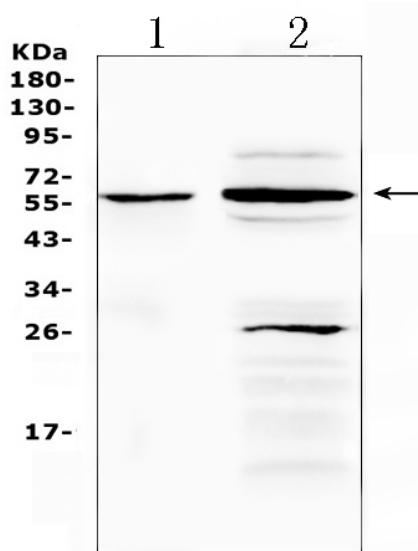


Figure 1. Western blot analysis of TNFRSF1A using anti- TNFRSF1A antibody (A00294). The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: rat gaster tissue lysates, Lane 2: mouse brain tissue lysates. probed with a goat anti-rabbit IgG-HRP secondary antibody . The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) A specific band was detected for TNFRSF1A at approximately 60KD. The expected band size for TNFRSF1A is at 50KD.