

Datasheet for ABIN7565962
anti-TNFRSF1A antibody



[Go to Product page](#)

Overview

Quantity:	25 µL
Target:	TNFRSF1A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	TNF p55 Receptor Antibody
Immunogen:	Immunogen: The whole rabbit serum was prepared by repeated immunizations with recombinant human sTNFRp55 expressed in Chinese Hamster Cells. Immunogen Type: Recombinant Protein
Cross-Reactivity (Details):	The antiserum is directed against the extracellular domain of the cell bound human TNFRp55.
Characteristics:	Synonyms: rabbit anti-TNFP55 Receptor Antibody, TBP1 antibody, TNFR1 antibody, TNFR55 antibody, TNFRSF1A antibody, Tumor necrosis factor alpha receptor antibody, 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, Tumor necrosis factor receptor superfamily member 1A membrane form, Tumor necrosis factor-binding protein 1, TBPI , TNFRSF1A, TNFAR, TNFR1
Purification:	This antiserum has been heated to 56°C for 30 minutes.

Product Details

Sterility: Sterile filtered

Target Details

Target: TNFRSF1A

Alternative Name: TNFRSF1A ([TNFRSF1A Products](#))

Background: Background: Tumor necrosis factor receptor superfamily member 1A (TNF p55 Receptor) is a 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. It contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.

Gene ID: 7132

UniProt: [P19438](#)

Pathways: [NF-kappaB Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Hepatitis C](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: Application Note: This antiserum against Human TNF p55 Receptor (sTNFRp55) has been tested for use in ELISA, radioimmunoassays, immunoblotting and immunoprecipitation. Reactivity in other immunoassays is unknown. This product has been assayed for the ability to immunoprecipitate antigen. A dilution range of 1:400 to 1:800 is suggested for this immunoassay. For immunoprecipitation, pre-clearing with a non-specific rabbit IgG is helpful to reduce background. This product has been assayed by immunoblot using HRP Goat-anti-Rabbit IgG [H&L] (code # 611-1302) and TMB as a substrate. A working dilution range of 1:200 to 1:400 is suggested for this application. This product has been assayed by ELISA against soluble (extracellular) sTNFRp55 using HRP Conjugated Anti-Rabbit IgG [H&L] (Goat) (code # 611-1302) and ABTS as a substrate for 30 minutes at room temperature. A working dilution range of 1:1,000 to 1:2,000 is suggested for this product. For use in ELISA formats, this antibody is best used as the second antibody in combination with a monoclonal antibody as a capture antibody. This product has been assayed by radioimmunoassay against antigen. A dilution of 1:8,000 is suggested for this immunoassay. Western Blot Dilution: 1:500 - 1:2,000 Immunoprecipitation Dilution: 1:400 to 1:800 ELISA Dilution: 1:1,000 - 1:5,000 Other: User

Application Details

	Optimized
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	85 mg/mL
Buffer:	Buffer: None Stabilizer: None Preservative: None
Preservative:	Without preservative
Storage:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiry Date:	12 months