

Rabbit anti-Mouse TNF alpha Polyclonal Antibody | anti-TNF antibody

Anti-mouse TNF alpha antibody

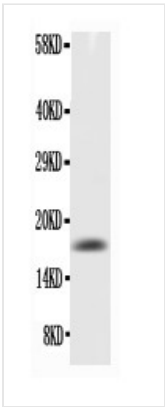
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45063	Rabbit	Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TNF alpha; Polyclonal Antibody; Anti-mouse TNF alpha antibody; tumor necrosis factor; APC1 antibody; APC1 protein antibody; Cachectin antibody; DIF antibody; Differentiation inducing factor antibody; Macrophage cytotoxic factor antibody; MCF antibody; Necrosin antibody; TNF a antibody; TNF alpha antibody; TNF antibody; TNF Macrophage Derived antibody; TNF Monocyte Derived antibody; TNF Superfamily Member 2 antibody; TNF superfamily; member 2 antibody; TNF; macrophage derived antibody; monocyte derived antibody; TNF-a antibody; TNF-alpha antibody; TNFA antibody; TNFA_HUMAN antibody; TNFSF2 antibody; Tumor necrosis factor alpha antibody; Tumor necrosis factor antibody; Tumor necrosis factor ligand superfamily member 2 antibody; Tumor Necrosis Factor Precursor antibody; Tumor Necrosis Factor; Membrane Form antibody; Tumor necrosis factor; soluble form antibody; Tumour Necrosis Factor Alpha antibody; anti-TNF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	235
Applicable Applications for anti-TNF antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse TNF alpha recombinant protein (Position: L80-L235).
Relevant Detection Systems	The lab provides a series of assays reacted with primary antibodies. Antibodies can be supported by chemiluminescent kit () in WB, supported by () in IHC(P).
Contents	Each vial contains 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and 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.



WB (Western Blot)

Figure. Western blot analysis of TNF alpha using anti- TNF alpha antibody (AAA45063).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V(Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.Lane: Recombinant Mouse TNFalpha Protein 0.5ng,After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti- TNF alpha antigen affinity purified polyclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TNF alpha at approximately 17KD. The expected band size for TNF alpha is at 17KD.

ADDITIONAL INFORMATION

Related Product Information for anti-TNF antibody	TNF alpha (Tumor Necrosis Factor alpha) gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	135935
NCBI GeneID	21926
UniProt Accession #	P06804; O35853; Q62326; Q91VF3
NCBI Official Full Name	Tumor necrosis factor
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	Tnf
NCBI Official Synonym Symbols	DIF; Tnfa; TNF-a; TNFSF2; Tnfsf1a; TNFalpha; TNF-alpha
NCBI Protein Information	tumor necrosis factor; cachectin; tumor necrosis factor-alpha; tumor necrosis factor ligand superfamily member 2
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	Tnf
UniProt Synonym Gene Names	Tnfa; Tnfsf2; TNF-a; NTF; ICD1; ICD2
UniProt Entry Name	TNFA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnf-alpha-antibody-immunohistochemistry-western-blot-elisa/45063>