

## Anti-TNF alpha Rabbit Polyclonal Antibody

### Introduction

This 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.

### Product parameters

Alternative Names	TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a
Gene ID	7124
Gene Name	TNF
SwissProt ID	P01375
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 26 kDa; Observed MW: 15-30 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Polyclonal Antibody
Clonality No.	-
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	The antiserum was produced against synthesized peptide derived from human TNFA.
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB, IHC-F, IHC-P, ICC/IF, ELISA
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000

Research Field	Immunology
Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.





## **APExBIO Technology**

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