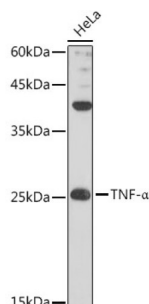


## Tumor Necrosis Factor (TNF) Antibody

Catalogue No.: abx001922



Western blot analysis of extracts of HeLa cells using TNF- $\alpha$  Antibody (1/1000 dilution).

TNF- $\alpha$  Antibody is a Rabbit Polyclonal antibody against TNF- $\alpha$ . 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.

**Target:** Tumor Necrosis Factor (TNF)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to mouse TNF- $\alpha$

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P01375 ([UniProt](#), [ExPASy](#))

# Datasheet

Version: 2.0.0

Revision date: 13 Sep 2025



|                   |  |
|-------------------|--|
| Gene Symbol:      | TNF  |
| GeneID:           | <a href="#">7124</a>   |
| OMIM:             | <a href="#">191160</a>   |
| HGNC:             | 11892  |
| KEGG:             | hsa:7124   |
| Ensembl:          | ENSG00000232810  |
| String:           | <a href="#">9606.ENSP00000398698</a>   |
| Molecular Weight: | Calculated MW: 25 kDa  |
| Buffer:           | PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.   |
| Concentration:    | 1 mg/ml  |
| Note:             | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |