

TNF- α Polyclonal Antibody

Catalog No.	A11534	Category	Polyclonal Antibodies
Applications	WB, IHC, IF	Observed MW	21kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	25kDa

Immunogen Information

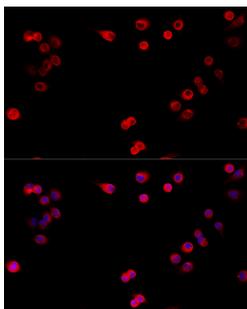
Immunogen	A synthetic peptide of human TNF
Gene ID	7124
Swiss prot	P01375
Synonyms	TNF; DIF; TNF-alpha; TNFA; TNFSF2; TNLG1F; tum or necrosis factor

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

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.



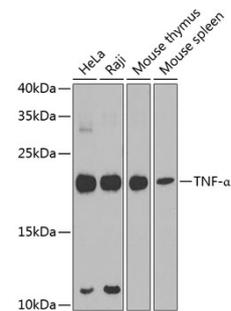
Immunofluorescence - TNF- α Polyclonal Antibody (A11534)

Recommended Dilutions

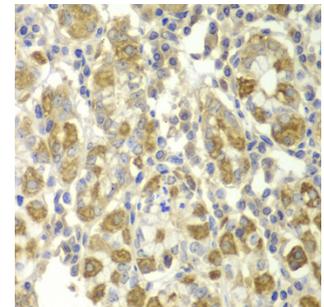
WB 1:1000 -
1:2000

IHC 1:50 -
1:100

IF 1:50 -
1:100



Western blot - TNF- α Polyclonal Antibody (A11534)



Immunohistochemistry - TNF- α Polyclonal Antibody (A11534)