

Product Name: TNF alpha Rabbit Polyclonal Antibody**Catalog #: APRab00662**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 26 kDa; Observed MW: 26 kDa

Antigen Information

Gene Name	TNF
Alternative Names	TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a
Gene ID	7124
SwissProt ID	P01375
Immunogen	A synthetic peptide of human TNF alpha

Background

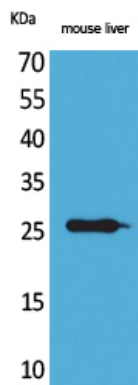
This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily.

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.

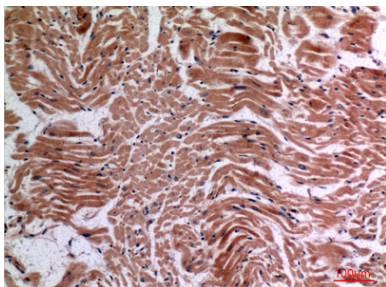
Research Area

Immunology

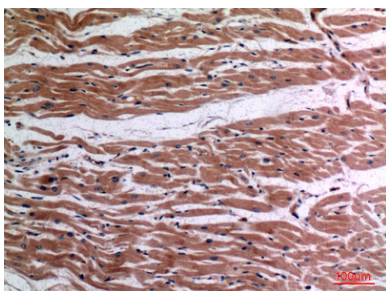
Image Data



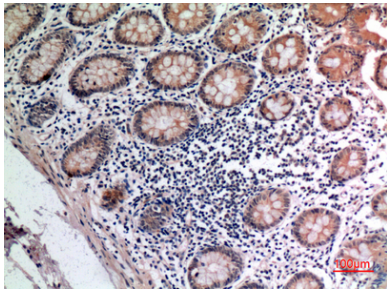
Western blot analysis of TNF alpha in mouse liver lysates using TNF alpha antibody.



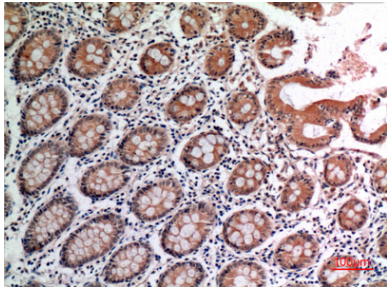
Immunohistochemistry analysis of paraffin-embedded Human heart using TNF alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



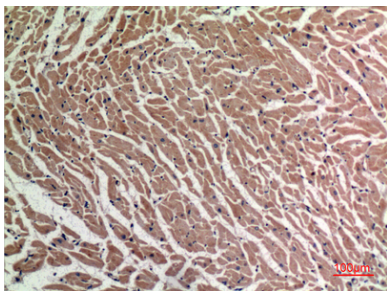
Immunohistochemistry analysis of paraffin-embedded Human heart using TNF alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human colon using TNF alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human colon using TNF alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human heart using TNF alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.