

TNF- Alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09102
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human TNF. AA range:151-200
Mol wt	25644
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	TNF-alpha Antibody
Synonyms	TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

TNF 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/TNFR2. 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.

Recommended Dilution

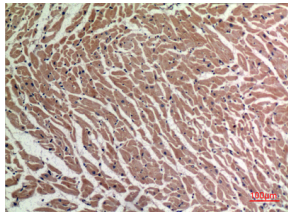
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

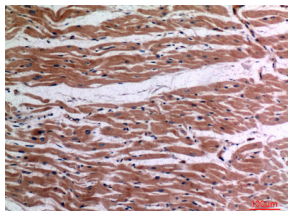
ELISA: 1: 20000

Not yet tested in other applications.

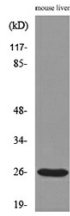
Images



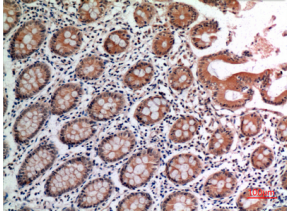
Immunohistochemical analysis of paraffin-embedded human heart using antibody diluted at 1:100



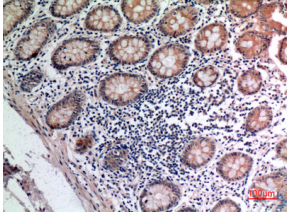
Immunohistochemical analysis of paraffin-embedded human heart, antibody was diluted at 1:100



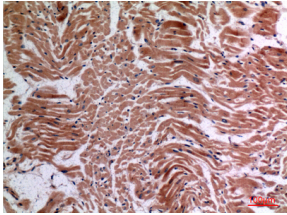
Western blot analysis of lysate from mouse liver cells, using TNF Antibody.



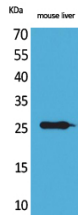
Immunohistochemical analysis of paraffin-embedded human colon, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human colon, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human heart, antibody was diluted at 1:100



Western Blot analysis of mouse liver cells using TNF- α Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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