

TNF alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15035
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of TNF α
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	1 mg/ml
Full name	Tumor necrosis factor
Synonyms	Tumor necrosis factor ; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a [Cleaved into: Tumor necrosis factor, membrane form ; N-terminal fragment; NTF; Intracellular; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a; Tumor necrosis factor, membrane form; N-terminal fragment; NTF; Intracellular domain 1; ICD1; Intracellular domain 2; ICD2; C-domain 1; C-domain 2; Tumor necrosis factor, soluble form;

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

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/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.

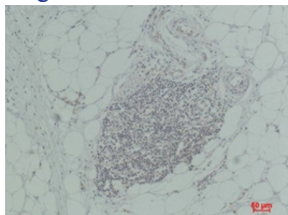
Recommended Dilution

WB: 1: 500 - 1: 2000

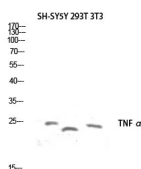
IHC: 1: 50 - 1: 200

Not yet tested in other applications.

Images



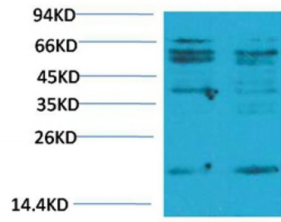
Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using TNF α Rabbit pAb diluted at 1:200.



Western blot analysis of SH-SY5Y 293T 3T3 lysis using TNF α antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western blot analysis of Recombinant Human TNF α Protein with TNF α Rabbit pAb diluted at 1:2,000



Western blot analysis of LPS Treated HepG2 with TNF α Rabbit pAb diluted at 1:2,000

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com