Rabbit anti-Human Tumor necrosis factor Polyclonal Antibody | anti-TNF antibody

Rabbit Anti-Human Tumor necrosis factor PolyClonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229601	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

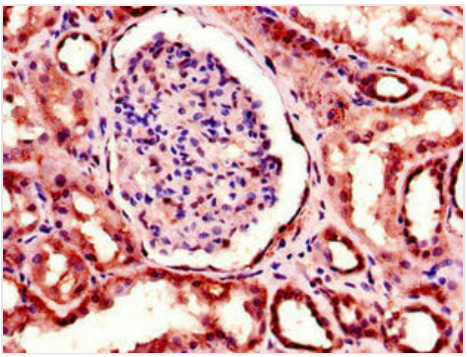
PRODUCT SYNONYMS

Tumor necrosis factor; Polyclonal Antibody; Rabbit Anti-Human Tumor necrosis factor PolyClonal Antibody; Cachectin TNF-alpha Tumor necrosis factor ligand superfamily member 2 TNF TNFA; TNFSF2; anti-TNF antibody

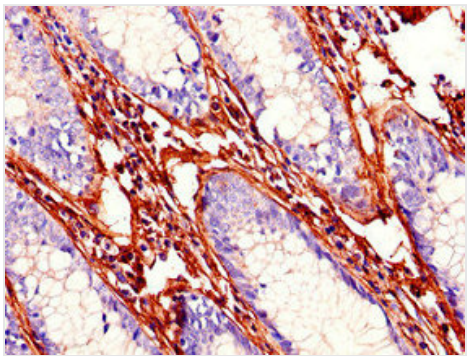
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	233
Applicable Applications for anti-TNF antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Tumor necrosis factor protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1351 / sc-1348 / sc-1350 / sc-8301
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

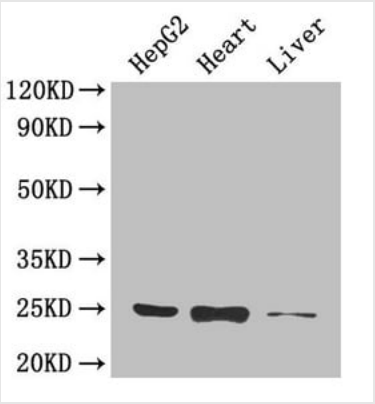
IMAGES



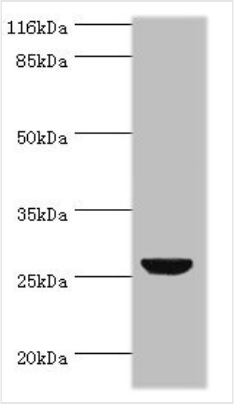
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA229601 at dilution of 1:100



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human colon cancer using AAA229601 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: hepG2 cell,mouse heart,mouse liverAll lanes: TNF antibody at 4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 26 kDaObserved band size: 26 kDa



WB (Western Blot)
Western blotAll lanes: Tumor necrosis factor antibody at 2ug/ml+Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 26kDaObserved band size: 26kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TNF antibody	Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFBR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin-1 secretion and is implicated in the induction of cachexia, Under certain conditions it can stimulate cell proliferation and induce cell differentiation. 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/TNFBR. 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.
Product Categories/Family for anti-TNF antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952111
NCBI GeneID	7124
NCBI Accession #	NP_000585.2
NCBI GenBank Nucleotide #	NM_000594.3
UniProt Accession #	P01375; O43647; Q9P1Q2; Q9UIV3
Molecular Weight	25,644 Da
NCBI Official Full Name	tumor necrosis factor
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	DIF; TNFA; TNFSF2; TNLG1F; TNF-alpha
NCBI Protein Information	tumor necrosis factor
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	**TNF**
UniProt Synonym Gene Names	TNFA; TNFSF2; TNF-a; NTF; ICD1; ICD2

UniProt Entry Name	TNFA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/tumor-necrosis-factor-antibody-immunohistochemistry-western-blot-elisa/229601