

## Rabbit TNF Polyclonal Antibody | anti-TNF antibody

TNF Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA167451</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

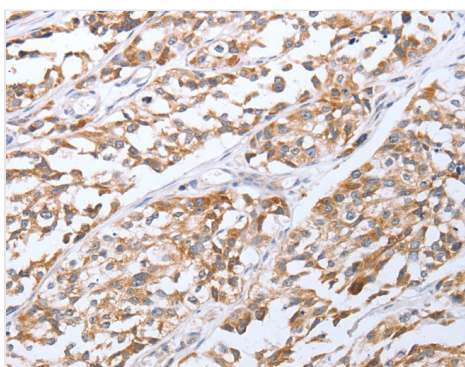
### PRODUCT SYNONYMS

TNF; Polyclonal Antibody; TNF Polyclonal Antibody; DIF; TNFA; TNFSF2; TNF-alpha; anti-TNF antibody

### PRODUCT SPECIFICATIONS

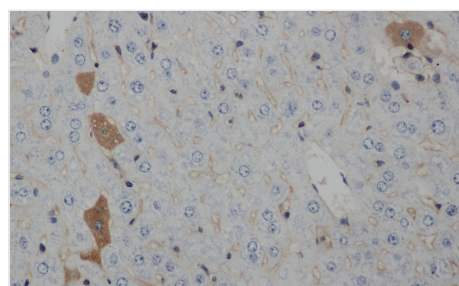
|                                               |                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                    |
| Reactivity                                    | Human, Mouse, Rat                                                                         |
| Clonality                                     | Polyclonal                                                                                |
| Isotype                                       | IgG                                                                                       |
| Purity/Purification                           | Antigen affinity purification                                                             |
| Concentration                                 | 1mg/mL (varies by lot)                                                                    |
| Sequence Length                               | 233                                                                                       |
| Applicable Applications for anti-TNF antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                     | Recombinant protein of human TNF                                                          |
| Buffer                                        | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                       | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TNF Polyclonal Antibody at dilution 1:35



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TNF Polyclonal Antibody at dilution 1:35

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TNF antibody | 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. |
| Product Categories/Family for anti-TNF antibody   | Cancer; Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 20381342                                                                                                                                                                              |
| NCBI GeneID                      | 7124                                                                                                                                                                                  |
| Molecular Weight                 | 25,644 Da                                                                                                                                                                             |
| NCBI Official Full Name          | Tumor necrosis factor (TNF superfamily, member 2)                                                                                                                                     |
| NCBI Official Synonym Full Names | tumor necrosis factor                                                                                                                                                                 |
| NCBI Official Symbol             | TNF                                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | DIF; TNFA; TNFSF2; TNF-alpha                                                                                                                                                          |
| NCBI Protein Information         | tumor necrosis factor; APC1 protein; TNF, macrophage-derived; TNF, monocyte-derived; TNF-a; cachectin; tumor necrosis factor ligand superfamily member 2; tumor necrosis factor-alpha |
| 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/tnf-antibody-immunohistochemistry-elisa/167451>