PAA133Ra01

Polyclonal Antibody to Tumor Necrosis Factor Alpha (TNFa)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)
[ PROPERTIES ]

Source: Polyclonal antibody preparation
Host: Rabbit
Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Traits: Liquid
Concentration: 0.62mg/ml
UOM: 200µl
Cross Reactivity: Mouse
Applications: WB; IHC; ICC; IP.

[ IMMUNOGEN ]

Immunogen: Recombinant TNFa (Leu80~Leu235) expressed in E.coli
Accession No.: RPA133Ra01

[ APPLICATIONS ]

Western blotting: 0.5-2µg/mL;
Immunohistochemistry: 5-20µg/mL;
Immunocytochemistry: 5-20µg/mL;
Optimal working dilutions must be determined by end user.

[ FORMULATION ]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

[ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.
    Store at 4°C for frequent use.
    Aliquot and store at -20°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**IDENTIFICATION**

![Western Blot](image1.png)

Figure. Western Blot; Sample: Recombinant TNFa, Rat.

DAB staining on IHC-P;
- Samples: Rat Testis Tissue;
- Primary Ab: 20?g/ml Rabbit Anti-Rat TNFa Antibody
- Second Ab: 2?g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
  (Catalog: SAA544Rb19)

DAB staining on IHC-P;
- Samples: Rat Cerebellum Tissue;
- Primary Ab: 20?g/ml Rabbit Anti-Rat TNFa Antibody
- Second Ab: 2?g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
  (Catalog: SAA544Rb19)

**IMPORTANT NOTE**
The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.