

## Anti-Rat TNF- $\alpha$ Polyclonal Antibody

**CATALOG NO:** 3054-30T 30  $\mu$ g (Trial size)  
3054-100 100  $\mu$ g

**HOST:** Rabbit

**IMMUNOGEN:** Recombinant rat TNF- $\alpha$  (Internal ID# BV-A23-1)

**SPECIES:** Rat

### FORMULATION:

0.5 mg/ml affinity purified polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

### DESCRIPTION:

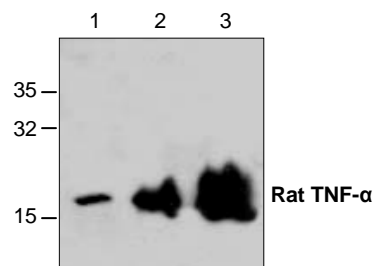
Tumor Necrosis Factor-alpha (TNF- $\alpha$ ) is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells. Rat TNF- $\alpha$  is a 17 kDa protein containing 157 amino acid residues.

### STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### APPLICATION AND USAGE:

The antibody can be used in Western blot analysis (0.5-4  $\mu$ g/ml). Recombinant rat TNF- $\alpha$  (Cat.# 1052-10) and rat brain tissue lysate can be used as positive controls. Per researcher's feedback, the antibody can also be used in immunoprecipitation and Neutralization (2-10  $\mu$ g/ml). However, the optimal conditions should be determined individually.



### Cat. #:3054-100

Western blot analysis with recombinant Rat TNF- $\alpha$ .

Lane 1: 10 ng

Lane 2: 50 ng

Lane 3: 250 ng

Rat TNF- $\alpha$

**FOR RESEARCH USE ONLY! Not to be used on humans.**

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