

**Cntf**

## Rabbit Anti-Rat Ciliary Neurotrophic Factor Affinity Purified pAb

**Catalog No.** PA0062 **Quantity:** 100 µg

**Alternate Names:** ciliary neurotropic factor

**Description:** Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant rCNTF (Rat Ciliary Neurotrophic Factor).

**Gene ID:** 25707

**Specificity:** Rabbit

**Host:** Rabbit

**Immunogen:** Recombinant Rat CNTF

**Formulation:** A sterile filtered antibody solution (1.0 mg/ml) was lyophilized from 0.5X PBS pH 7.4.

**Purification:** Affinity Chromatography

**Reconstitution:** **Centrifuge vial prior to opening.** The optimal concentration should be determined by the user for each specific application.

**Applications:** Neutralization:  
To yield one-half maximal inhibition [ND50] of the biological activity of (0.15 ng/ml), a concentration of 0.02-0.05 µg/ml of this antibody is required.

### ELISA:

To detect by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant.

### Western Blot:

To detect by Western Blot analysis this antibody can be used at a concentration of 0.1 -0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

The optimal concentration should be determined by the user for each specific application.

**Storage & Stability:** CNTF antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. **Avoid repeated freeze-thaw cycles.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**