

Cntf

Rabbit Anti-Rat Ciliary Neurotrophic Factor pAb

Catalog No.	CPC107	Quantity:	100 µg
Alternate Names:	ciliary neurotropic factor		
Description:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant rat CNTF (Rat Ciliary Neurotrophic Factor). Anti-rat CNTF specific antibody was purified by affinity chromatography employing immobilized rat CNTF matrix.		
Gene ID:	25707		
Specificity:	Recognizes rat CNTF		
Host:	Rabbit		
Formulation:	Lyophilized from PBS, pH 7.4		
Purification:	Affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to fully solubilize the antibody to a concentration of 0.2 mg/ml.		
Applications:	<p>Neutralization: To yield one-half maximal inhibition [ND₅₀] of the biological activity of rCNTF (0.15 ng/ml), a concentration of 0.002 - 0.005 g/ml of this antibody is required.</p> <p>ELISA: To detect rat CNTF by direct ELISA (using 100 l/well antibody solution) a concentration of at least 0.5 g/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 rat CNTF.</p> <p>Western Blot: To detect rat CNTF by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 g/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant rat CNTF is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p>		
Storage & Stability:	The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile water to a concentration of 0.2 mg/ml the antibody is stable for at least six weeks at 2-4°C. Avoid repeated freeze-thaw cycles.		

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