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Product Datasheet

Anti-Rat CNTF Antibody, Rabbit, Polyclonal ABT-ABG10048-U050

Article Name	Anti-Rat CNTF Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10048-U050
Supplier Catalog Number	ABG10048-U050
Alternative Catalog Number	ABT-ABG10048-U050-50UG
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Rat
Clonality	Polyclonal
Purity	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant Rat CNTF. Anti-Rat CNTF specific antibody was purified by affinity chromatography employing immobilized Rat CNTF matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect Rat CNTF 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 Rat CNTF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions..

Sandwich: To detect Rat CNTF by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems Biotinylated Anti-Rat CNTF (62-052BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat CNTF..

Immunohistochemistry: This antibody stained colchicine injected rat brain (including the globus pallidus region) tissue. The primary antibody was incubated at 0.25 mg/ml overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSA(TM)) reagent. Optimal concentrations and conditions may vary. Information and photo are courtesy of the Tissue Profiling group, SciLifeLab Stockholm.

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

Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.