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Product Datasheet

Anti-Rat EGF Antibody, Rabbit, Polyclonal ABT-ABG10065-U100

Article Name	Anti-Rat EGF Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10065-U100
Supplier Catalog Number	ABG10065-U100
Alternative Catalog Number	ABT-ABG10065-U100-100UG
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 EGF (Rat Epidermal Growth Factor). Anti-Rat EGF specific antibody was purified by affinity chromatography employing immobilized Rat EGF matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect Rat EGF by Western Blot analysis this antibody can be used at a concentration of 0.5 - 1.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Rat EGF is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.. Sandwich: To detect Rat EGF by sandwich ELISA (using 100µl/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 EGF (62-053BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat EGF.. Immunohistochemistry: This antibody stained colchicine injected rat brain (mammillary nuclei) tissue. The primary antibody was incubated at 1.0 µg/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 EGF (0.1 ng/ml), a concentration of < 0.1 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.