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## Product Datasheet

### Anti-Human BDNF Antibody, Rabbit, Polyclonal ABT-ABG10031-U050

Article Name	Anti-Human BDNF Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10031-U050
Supplier Catalog Number	ABG10031-U050
Alternative Catalog Number	ABT-ABG10031-U050-50UG
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Polyclonal
Purity	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hBDNF. Anti-Human BDNF specific antibody was purified by affinity chromatography employing immobilized hBDNF matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect hBDNF 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 hBDNF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.. Sandwich: To detect hBDNF 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-Human BDNF (60-080BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBDNF.. Immunohistochemistry: This antibody stained U-2 OS and U-251 MG cells. The primary antibody was incubated at 2.0 µg/ml overnight at 4C followed by a fluorescent labeled secondary antibody. Optimal concentrations and conditions may vary. Information and photo are courtesy of the Cell Profiling group, SciLifeLab Stockholm.. Neutralization: To yield one-half maximal inhibition [ND<span style=font-size: 16px,>50] of the biological activity of hBDNF (2.0 µg/ml), a concentration of 0.54-0.81 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.