

Anti-Human BDNF Antibody
Catalog # ABG10031**Specification****Anti-Human BDNF Antibody - Product Information**

Application	WB, IHC, E
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Anti-Human BDNF Antibody - Additional Information**Preparation**

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.

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's 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 4°C 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**">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.

Formulation

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

Reconstitution

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

Storage

-20°C

Precautions

Anti-Human BDNF Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

Anti-Human BDNF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human BDNF Antibody - Images