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Antigen-Affinity Purified Polyclonal Antibodies

Anti-human BDNF

Description: Produced from sera of goats pre-immunized with highly pure (>98%) recombinant human BDNF (human Brain-Derived Neurotrophic Factor). Anti-human BDNF specific antibody was purified by affinity chromatography employing immobilized human BDNF matrix.

Host species:	Rabbits
Antigen:	Recombinant human BDNF
Purification:	Affinity chromatography
Stabilizer:	none
Buffer:	PBS; pH 7.2
Formulation:	lyophilized

Reconstitution/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.

Applications

Western Blot: To detect human BDNF by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 $\mu\text{g/ml}$. Used in conjunction with compatible secondary reagents the detection limit for recombinant human BDNF is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

ELISA: To detect human BDNF by direct ELISA (using 100 μl /well antibody solution) a concentration of at least 0.5 $\mu\text{g/ml}$ 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 human BDNF.

Usage: Anti human BDNF is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 102-P02

Size: 100 μg