



Anti-Human BDNF Polyclonal Antibody

Catalog: PAR-100-BDNF

Specifications and Use

Target: Human Brain Derived Neurotrophic Factor
Host and Purification: Ig Fraction of Rabbit Serum
Immunogen: Full length recombinant Human BDNF
Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with no stabilizers or preservatives
Storage: Store at 2-8°C after restoration with 0.1mL deionized water or -20°C for long term storage, avoid repeat freeze thaws.

Size and Label: 100 µg, Unlabeled

Physical State: Lyophilized

Endotoxin Level: <0.1EUs per ug

Alternate Target Names: None

Description:

Brain Derived Neurotrophic Factor, or BDNF, is a nerve growth factor that supports neuron growth and survival. BDNF shares identical domains with two other neurotrophic factors known as, β -NGF and NT-3 (neurotrophin-3). BDNF binds with low affinity to a receptor known as LNGFR, which also binds NGF and NT-3, but mediates survival function by signaling through a high affinity receptor known as gp145/TrkB. Human, mouse, rat and pig BDNF are all cross-reactive in function. Human BDNF is a homodimer containing two 119 amino acid chains, having a total molecular mass of 27 kDa (without glycosylation).

Reported Applications:

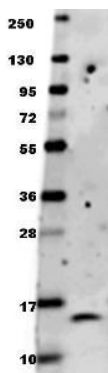
Western Blot
ELISA Capture

Recommended Dilution*:

1:1000 starting
No Data

***INVESTIGATORS ARE ADVISED TO TITRATE ANTIBODIES TO REACH OPTIMAL ASSAY CONDITIONS FOR THEIR SPECIFIC NEEDS.**

THIS PRODUCT IS FOR RESEARCH USES ONLY! THIS PRODUCT IS NOT FOR USE IN HUMANS!!!



Western blot analysis of recombinant human BDNF (100-01) using rabbit anti- human BDNF polyclonal antibody and anti-rabbit secondary antibodies. MW of human BDNF is 13.5 kDa (under reduced conditions).