

**BDNF Antibody****Subcategory:** Rabbit Polyclonal Antibody**Cat. No.:** 250557**Unit:** 0.1 mg**Description:**

Brain-derived neurotrophic factor (BDNF) promotes the survival of neuronal populations that are all located or connected to the central nervous system. BDNF is a major regulator of synaptic transmission and plasticity at adult synapses in many regions of the CNS. The versatility of BDNF is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation (LTP), long-term depression (LTD), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability.

**Isotype:** Rabbit Ig**Applications:** E, WB, IHC, IP**Species Reactivity:** H, M, R**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.**Alternate Names:** Brain-derived neurotrophic factor; BDNF; Abrineurin**Accession No.:** P23560**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BDNF.**Application Notes:** E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.