

BDNF Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252199

Unit: 0.1 mg

Description:

Brain-derived neurotrophic factor (BDNF) during development promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. BDNF participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. BDNF is a major regulator of synaptic transmission and plasticity of 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, IHC, WB

Species Reactivity: H, M, R

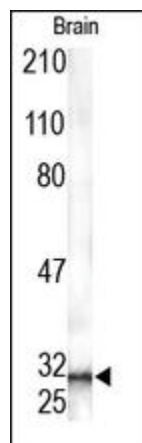
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Brain-derived neurotrophic factor; BDNF; Abrineurin

Accession No.: P23560

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BDNF.

Application Notes: E: 1:1,000-1:5,000; WB: 1:200-1:500



The BDNF Antibody (Cat. No. 252199) is used in Western blot to detect BDNF in human brain lysates.

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.