

BDNF Polyclonal Antibody

Catalog: BS66135

Host: Rabbit

Reactivity: Human, Mouse, Rat,

BackGround:

During development, promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. Participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. 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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 15, 35 kDa

Swiss-Prot:

P23560

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500-1:2000

IF/ICC: 1:50-1:200

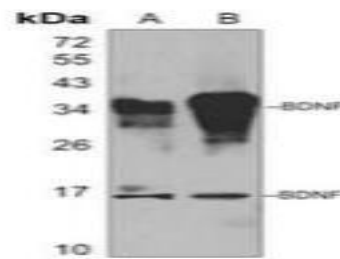
Storage&Stability:

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

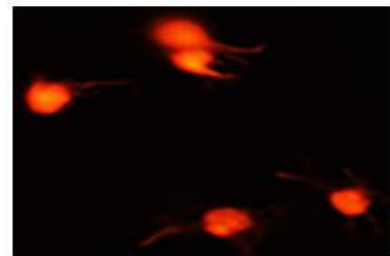
Specificity:

BDNF Polyclonal Antibody detects endogenous levels of BDNF protein.

DATA:



Western blot analysis of BDNF expression in A549 (A), mouse kidney (B) whole cell lysates.



Immunofluorescent analysis of BDNF staining in U251MG cells.

Note:

For research use only, not for use in diagnostic procedure.

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