

BDNF polyclonal antibody

Catalog: BS79598

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a member of the nerve growth factor family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a pre-protein that is proteolytically processed to generate the mature protein. Binding of this protein to its cognate receptor promotes neuronal survival in the adult brain. Expression of this gene is reduced in Alzheimer's, Parkinson's, and Huntington's disease patients. This gene may play a role in the regulation of the stress response and in the biology of mood disorders.

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:

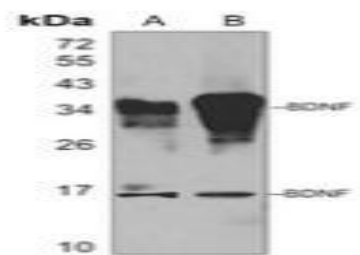
WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200

Storage&Stability:

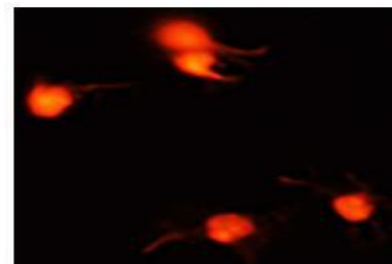
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

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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