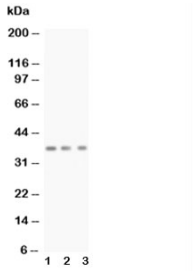
BDNF Antibody (R30184)

Catalog No.	Formulation	Size
R30184	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P23560
Applications	Western blot: 0.5-1ug/ml
Limitations	This BDNF antibody is available for research use only.



Western blot testing of BDNF antibody and Lane 1: rat brain; 2: mouse brain; 3: MCF-7;
Predicted size: 28KD; Observed size: 37KD

Description

Brain derived neurotrophic factor (BDNF) is a member of the neurotrophin family of growth factors that includes NGF, NT3, and NT4. BDNF is a prosurvival factor induced by cortical neurons that is necessary for survival of striatal neurons in the brain. BDNF is expressed within peripheral ganglia and is not restricted to neuronal target fields. BDNF has been purified and shown to reduce the amount of naturally occurring neuronal cell death in portions of the peripheral nervous system.

Application Notes

The stated application concentrations are suggested starting points. Titration of the BDNF antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminal of human BDNF (HSDPARRGELSVCDSISEWV) was used as the immunogen for this BDNF antibody.

Storage

After reconstitution, the BDNF antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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