

BDNF

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 28 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human BDNF

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ANON2; BULN2;

Catalog #: A10760

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 627

Isotype: IgG

Swiss Prot: P23560

Purity: Affinity purification

For research use only.

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 preproprotein 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.

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