

## 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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