

BDNF Rabbit mAb

Catalog No.: A4873

Recombinant

7 Publications

Basic Information

Observed MW

15kDa/28kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

ELISA,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0303

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.

Recommended Dilutions

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

627

Swiss Prot

P23560

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human BDNF (P23560).

Synonyms

ANON2; BULN2; BDNF

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

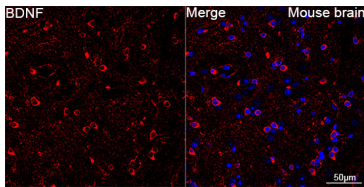
Affinity purification

Storage

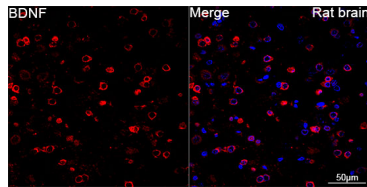
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Confocal imaging of paraffin-embedded Mouse brain using BDNF Rabbit mAb (A4873,dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007,dilution 1:500)(Red).DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citRate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded Rat brain using BDNF Rabbit mAb (A4873,dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007,dilution 1:500)(Red).DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citRate buffer (pH 6.0) prior to IF staining.