

# BDNF Rabbit mAb

Catalog No.: A4873 **Recombinant** **14 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

28kDa

### Category

Primary antibody

### Applications

IF-P,ELISA

### Cross-Reactivity

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-P** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

627

### Swiss Prot

P23560

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ANON2; BULN2; BDNF

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

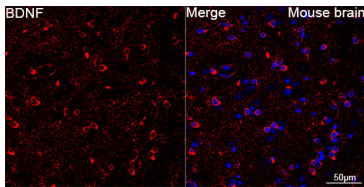
### Storage

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

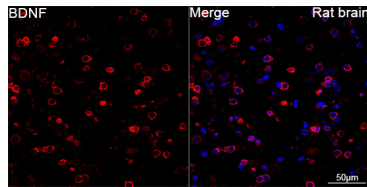
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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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.