

A11028

Leader in Biomolecular Solutions for Life Science



BDNF Rabbit pAb

Catalog No.: A11028

Basic Information

Observed MW

15kDa/35kDa

Calculated MW

28kDa

Category

Mouse Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

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

| | |
|--------|----------------|
| WB | 1:500 - 1:2000 |
| IF/ICC | 1:50 - 1:200 |

Immunogen Information

| | |
|---------|------------|
| Gene ID | Swiss Prot |
| 627 | P23560 |

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 129-247 of human BDNF (NP_733931.1).

Synonyms

ANON2; BULN2; BDNF

Contact



www.abclonal.com

Product Information

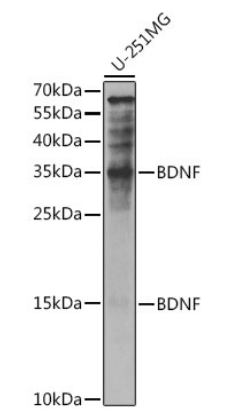
| | | |
|--------|---------|-----------------------|
| Source | Isotype | Purification |
| Rabbit | IgG | Affinity purification |

Storage

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

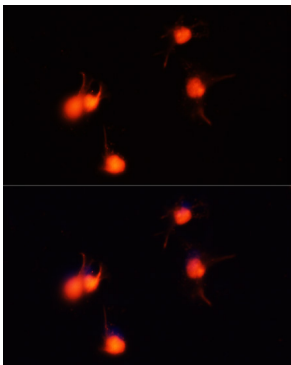
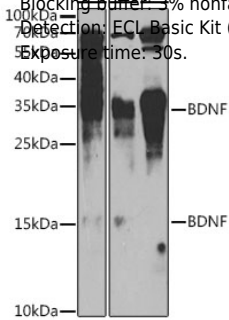
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of U-251MG cells, using BDNF antibody (A11028) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.

Western blot analysis of extracts of various cell lines, using BDNF antibody (A11028) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of U-251MG cells using BDNF antibody (A11028) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.