

BDNF Antibody

Catalog No: T55577

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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400-6123-828

Information

UniProt ID: P23560

All Names:BDNF;MGC34632;Abrineurin; ANON2; Brain Derived Neurotrophic Factor; Neurotrophin;BULN2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer:Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

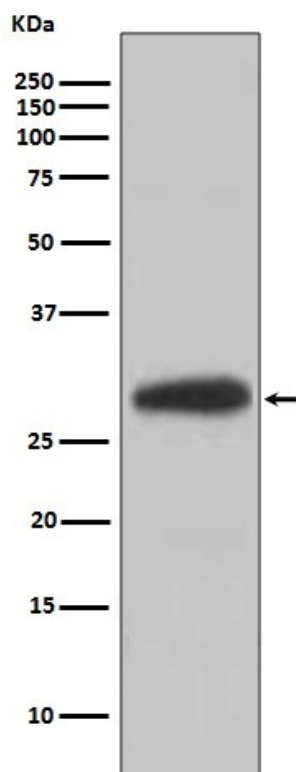
Molecular Wt.: 28kDa

Application

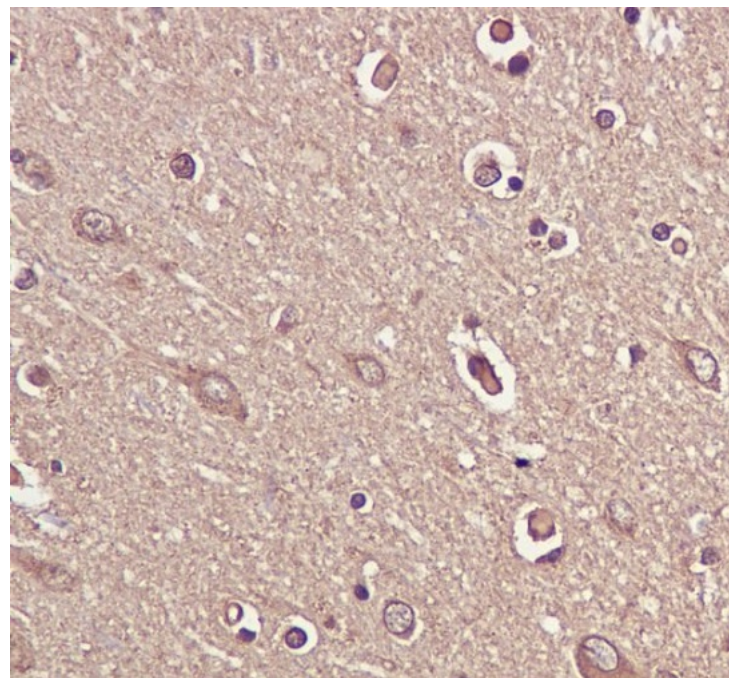
WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

Background

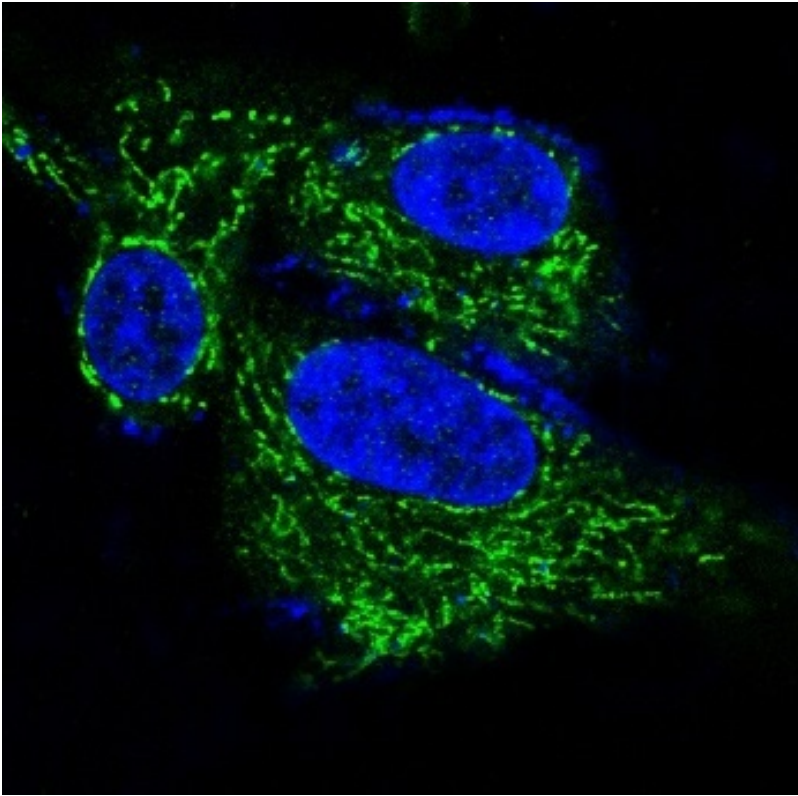
Neurotrophins function to regulate naturally occurring cell death of neurons during development. The prototype neurotrophin is nerve growth factor (NGF), originally discovered in the 1950s as a soluble peptide promoting the survival of, and neurite outgrowth from, sympathetic ganglia. Three additional structurally homologous neurotrophic factors have been identified. These include brain-derived neurotrophic factor (BDNF), neurotrophin-3 (NT-3) and neurotrophin-4 (NT-4) (also designated NT-5). These various neurotrophins stimulate the in vitro survival of distinct, but partially overlapping, populations of neurons.



Western blot analysis of extracts of Mouse heart lysate, using BDNF antibody



Immunohistochemical analysis of paraffin-embedded human brain, using BDNF Antibody.



Immunofluorescent analysis of HeLa cells, using BDNF Antibody.