

Anti-BDNF Polyclonal Antibody

Cat: AC51049

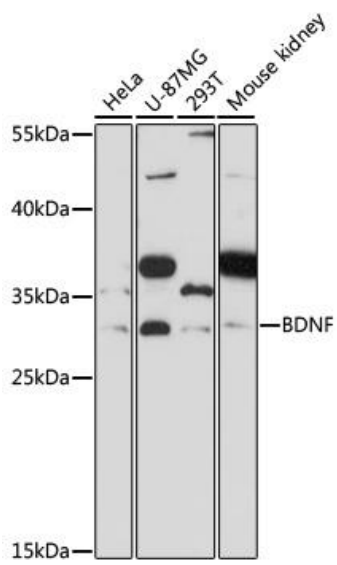
Summary:

- 【Product name】** : Anti-BDNF antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Human Mouse Rat
【Swiss Prot】 : P23560 **【Gene ID】** : 627
【Calculated】 : MW:28kDa **【Observed】** : MW:30kDa
【Purification】 : Affinity purification
【Tested applications】 : WB, IHC, IF
【Recommended dilution】 : WB 1:500-2000. IHC 1:50-200. IF 1:50-100.
【WB Positive sample】 : HeLa,U-87MG,293T,mouse kidney
【IHC Positive sample】 : Rat brain tissue
【Subcellular location】 : Secreted
【Immunogen】 : Recombinant protein of human BDNF
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

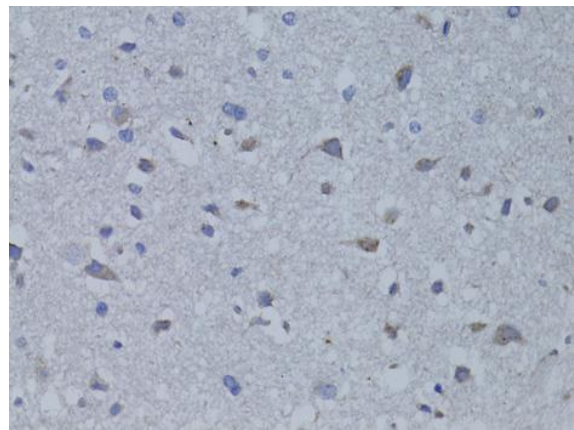
Background:

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.

Verified picture



Western blot analysis with BDNF antibody diluted at 1:1000



Immunohistochemistry of paraffin-embedded Rat brain tissue with BDNF antibody diluted at 1:100