

anti- BDNF antibody

Product Information

Catalog No.:	FNab00859
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

During development, promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. Participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. Major regulator of synaptic transmission and plasticity at adult synapses in many regions of the CNS. The versatility of BDNF is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation(LTP), long-term depression(LTD), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability.

Immunogen information

Immunogen:	brain-derived neurotrophic factor
Synonyms:	BDNF, ANON2, BULN2, brain-derived neurotrophic factor
Observed MW:	28-37 kDa, 14 kDa
Uniprot ID :	P23560

Application

Reactivity:	Human, Rat, Mouse
Tested Application:	ELISA, WB, IHC,IF

Wuhan Fine Biotech Co., Ltd.

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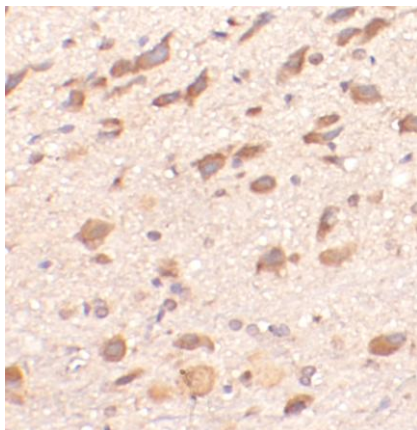
Tel : (0086)027-87384275

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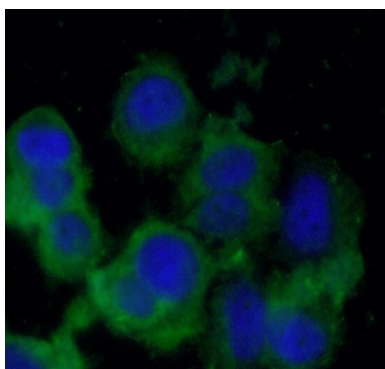
www.fn-test.com

Recommended dilution: WB: 1:200-1:2000; IHC: 1:50-1:500; IF: 1:50-1:500

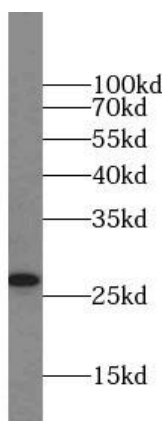
Image:



Immunohistochemistry of paraffin-embedded rat brain tissue slide using FNab00859(BDNF Antibody) at dilution of 1:200



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-12 cells using BDNF Antibody at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



fetal human brain tissue were subjected to SDS PAGE followed by western blot with FNab00859(BDNF Antibody) at dilution of 1:300