

产品名称: BDNF (7L10) Rabbit Monoclonal Antibody
产品货号: AMRe07524



产品概述 (Summary)

产品名称 (Production Name)	BDNF (7L10) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IF-P
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BDNF
别名 (Alternative Names)	BDNF;MGC34632;Abrineurin; ANON2; Brain Derived Neurotrophic Factor; Neurotrophin;BULN2;
基因 ID (Gene ID)	627.0
蛋白 ID (SwissProt ID)	P23560.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:10000,IHC 1:200-1:500,ICC/IF 1:200-1:500,IF-P 1:200-1:500
蛋白分子量 (Molecular Weight)	28kDa

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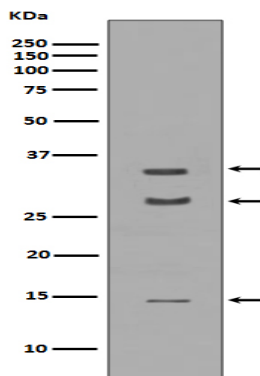
研究背景 (Background)

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). Important signaling molecule that activates signaling cascades downstream of NTRK2 (PubMed:11152678). 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.

研究领域 (Research Area)

Neurotrophins; Neurotrophins; Alzheimer's disease; Diabetes associated; Thrombosis; Diabetes; Obesity

图片 (Image Data)



Western blot analysis of extracts of Human cerebellum lysate, using BDNF antibody.

注意事项 (Note)

For research use only .