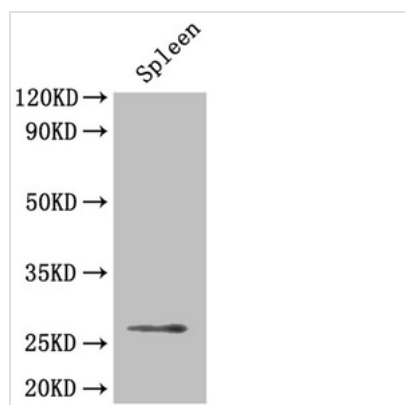


BDNF Antibody

Product Code	CSB-PA05775A0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P23560
Immunogen	Recombinant Human Brain-derived neurotrophic factor protein (137-237AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Brain-derived neurotrophic factor (BDNF) (Abrineurin), BDNF
Species	Human
Research Area	Neuroscience
Target Names	BDNF

Image



Western Blot

Positive WB detected in: Mouse spleen tissue

All lanes: BDNF antibody at 4µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 28, 29, 30, 38, 32 kDa

Observed band size: 28 kDa



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using CSB-PA05775A0Rb at dilution of 1:100