

Rabbit anti-Human Brain-derived neurotrophic factor Polyclonal Antibody | anti-BDNF antibody

Rabbit anti-human Brain-derived neurotrophic factor polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA81824	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Brain-derived neurotrophic factor; Polyclonal Antibody; Rabbit anti-human Brain-derived neurotrophic factor polyclonal Antibody; Abrineurin; anti-BDNF antibody

PRODUCT SPECIFICATIONS

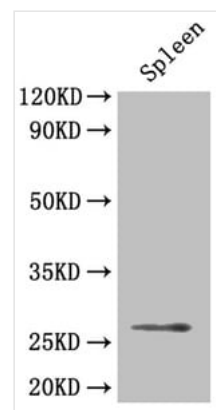
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	247
Applicable Applications for anti-BDNF antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Brain-derived neurotrophic factor protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-33905 / sc-33905 / sc-33904 / sc-20981 / sc-546
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



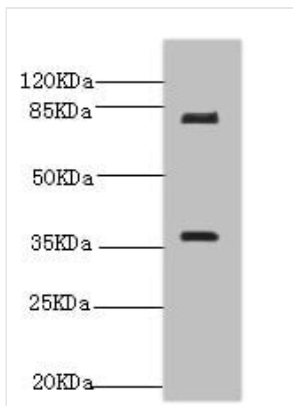
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA81824 at dilution 1:100



WB (Western Blot)

Western BlotPositive WB detected in: mouse spleenAll lanes: BDNF antibody at 4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 28,29,30,38,32 kDaObserved band size: 27 kDa



WB (Western Blot)

Western blotAll lanes: BDNF antibody at 16ug/ml+U251 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 28,29,30,38,32 kDaObserved band size: 37 kDa,80 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-BDNF antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219842288
NCBI GeneID	627
NCBI Accession #	NP_001137277.1
NCBI GenBank Nucleotide #	NM_001143805.1
UniProt Accession #	P23560; Q598Q1; Q6DN19; Q6YNR2; Q6YNR3; Q9BYY7; Q9UC24; A7LA85; A7LA92; D3DQZ2
Molecular Weight	31,116 Da
NCBI Official Full Name	brain-derived neurotrophic factor isoform a preproprotein
NCBI Official Synonym Full Names	brain-derived neurotrophic factor
NCBI Official Symbol	BDNF
NCBI Official Synonym Symbols	ANON2; BULN2
NCBI Protein Information	brain-derived neurotrophic factor
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	BDNF
UniProt Synonym Gene Names	BDNF
UniProt Entry Name	BDNF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.