

Chicken BDNF Polyclonal Antibody | anti-BDNF antibody

BDNF antibody

CATALOG # AAA75090	HOST Chicken	REACTIVITY To be determined by end-user	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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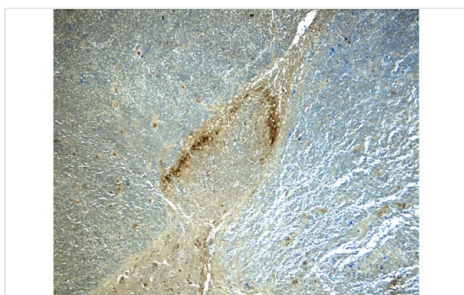
PRODUCT SYNONYMS

BDNF; Polyclonal Antibody; BDNF antibody; Polyclonal BDNF; Anti-BDNF; Brain Derived Neurotrophic Factor; anti-BDNF antibody

PRODUCT SPECIFICATIONS

Host	Chicken
Reactivity	To be determined by end-user
Clonality	Polyclonal
Isotype	IgY
Form/Format	Liquid in PBS with 5% trehalose.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	247
Applicable Applications for anti-BDNF antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Cross Reactivity	Rat, Human
Biological Significance	Brain-derived Neurotrophic Factor (BDNF) is a member of the NGF family of neurotrophic factors. BDNF, NGF, NT-3, and NT-4/5 are required for the differentiation and survival of specific neuronal subpopulations in both the central as well as the peripheral nervous system. High levels of expression of BDNF have been detected in the hippocampus, cerebellum, fetal eye, and placenta.
Immunogen	Recombinant human brain-derived neurotrophic factor
Preparation and Storage	Store at 4°C for short term storage. Aliquot and store at -20°C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

BDNF was detected in perfusion fixed frozen sections of rat spinal cord (dilution 7 ug/mL) overnight at 4 deg C. Tissue was stained (brown) and counterstained with hematoxylin (blue). Specific labeling was localized to spinal cord dorsal horn.

ADDITIONAL INFORMATION

Related Product Information for anti-BDNF antibody	Chicken polyclonal BDNF antibody
Product Categories/Family for anti-BDNF antibody	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	179407
NCBI GeneID	627
UniProt Accession #	P23560 ; Q598Q1 ; Q6DN19 ; Q6YNR2 ; Q6YNR3 ; Q9BYY7 ; Q9UC24 ; A7LA85 ; A7LA92 ; D3DQZ2
NCBI Official Full Name	brain-derived neurotrophic factor
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.