

Rabbit Brain-Derived Neurotrophic Factor (BDNF) Polyclonal Antibody | anti-BDNF antibody

Brain-Derived Neurotrophic Factor (BDNF) Polyclonal Antibody

CATALOG # AAA47877	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
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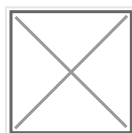
PRODUCT SYNONYMS

Brain-Derived Neurotrophic Factor (BDNF); Polyclonal Antibody; Brain-Derived Neurotrophic Factor (BDNF) Polyclonal Antibody; anti-BDNF antibody

PRODUCT SPECIFICATIONS

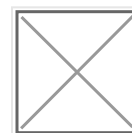
Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody recognizes human and mouse BDNF.
Form/Format	100ug (1mg/ml) peptide affinity-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Sequence Length	247
Applicable Applications for anti-BDNF antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Synthetic peptide corresponding to the N-terminus of human BDNF.
Preparation and Storage	This antibody is stable for at least one (1) year at-20 degree C.

IMAGES



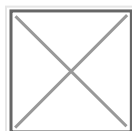
Application Data

Detection of BDNF in human neuroblastoma cell line SK-NBE diluted 1:100. DAPI (blue) nuclear stain, Texas red actin stain, and FITC (green) BDNF stain.



Application Data

Detection of BDNF in mouse brain lysate diluted 1:1,000.



Application Data

Detection of BDNF in HeLa cell lysate (left) and human 293T cell lysate (right) diluted 1:1,000.

ADDITIONAL INFORMATION

Related Product Information for anti-BDNF antibody	BDNF acts on neurons of the central nervous system and the peripheral nervous system supporting the survival of existing neurons and stimulating growth and differentiation of new neurons and synapses. In the brain, it is active in the hippocampus, cortex, and basal forebrain, areas vital to learning, memory, and higher thinking. It is also expressed in the retina, motor neurons, kidneys, saliva, and prostate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219842288
NCBI GeneID	627
NCBI Accession #	NP_001137277
NCBI GenBank Nucleotide #	NM_001143805.1
UniProt Accession #	P23560; Q598Q1; Q6DN19; Q6YNR2; Q6YNR3; Q9BYY7; Q9UC24; A7LA85; A7LA92; D3DQZ2
Molecular Weight	28,872 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/brain-derived-neurotrophic-factor-bdnf-antibody-immunofluorescence-immunoblot-elisa/47877>