

Rabbit BDNF Polyclonal Antibody | anti-BDNF antibody

Anti-BDNF antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45046	Rabbit	Reacts with : Human Predicted to work with: Mouse, Rat	Western Blot

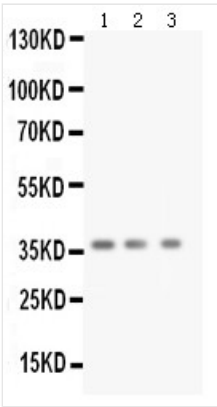
PRODUCT SYNONYMS

BDNF; Polyclonal Antibody; Anti-BDNF antibody; Brain-derived neurotrophic factor(BDNF); brain-derived neurotrophic factor; Abrineurin antibody; BDNF antibody; BDNF_HUMAN antibody; Brain Derived Neurotrophic Factor antibody; Brain-derived neurotrophic factor antibody; MGC34632 antibody; Neurotrophin antibody; anti-BDNF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with : Human Predicted to work with: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	247
Applicable Applications for anti-BDNF antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminal of human BDNF (129-148aa HSDPARRGELSVCDISEWV), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-BDNF antibody, AAA45046, Western blottingAll lanes: Anti BDNF (AAA45046) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Mouse Brain Tissue Lysate at 50ugLane 3: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 28KDObserved bind size: 37KD

ADDITIONAL INFORMATION

Related Product Information for anti-BDNF antibody	Description: Rabbit IgG polyclonal antibody for Brain-derived neurotrophic factor(BDNF) detection. Tested with WB in Human, Mouse, Rat. Background: Brain derived neurotrophic factor(BDNF) is a member of the neurotrophin family of growth factors that includes NGF, NT3, and NT4. BDNF is a prosurvival factor induced by cortical neurons that is necessary for survival of striatal neurons in the brain. BDNF is expressed within peripheral ganglia and is not restricted to neuronal target fields. BDNF has been purified and shown to reduce the amount of naturally occurring neuronal cell death in portions of the peripheral nervous system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114900
NCBI GeneID	627
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
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; abrineurin; neurotrophin
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.