

Rabbit BDNF Monoclonal Antibody | anti-BDNF antibody

BDNF

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268382	Rabbit	Human, Mouse, Rat, Zebrafish	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BDNF; Monoclonal Antibody; Brain-derived neurotrophic factor; Abrineurin; anti-BDNF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	ProA affinity purified
Sequence Length	247
Applicable Applications for anti-BDNF antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Storage Buffer	1*TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide.
Preparation and Storage	Store at -20°C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of BDNF on different lysates using anti - BDNF antibody at 1/1 ,000 dilution. Positive control : Lane 1 : SHG - 44 Lane 2 : A172 Lane 3 : Mouse brain .

ADDITIONAL INFORMATION

Related Product Information for anti-BDNF antibody

Background: Neurotrophins function to regulate naturally occurring cell death of neurons during development. The prototype neurotrophin is nerve growth factor (NGF), originally discovered in the 1950s as a soluble peptide promoting the survival of, and neurite outgrowth from, sympathetic ganglia. Three additional structurally homologous neurotrophic factors have been identified. These include brain-derived neurotrophic factor (BDNF), neurotrophin-3 (NT-3) and neurotrophin-4 (NT-4) (also designated NT-5). These various neurotrophins stimulate the in vitro survival of distinct, but partially overlapping, populations of neurons. The cell surface receptors through which neurotrophins mediate their activity have been identified. For instance, the Trk A receptor is the preferential receptor for NGF, but also binds NT-3 and NT-4. The Trk B receptor binds both BDNF and NT-4 equally well, and binds NT-3 to a lesser extent, while the Trk C receptor only binds NT-3.

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	28kDa
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/monoclonal/bdnf-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/268382>