

Rabbit anti-Human, Mouse Brain Derived Neurotrophic Factor Polyclonal Antibody | anti-BDNF antibody

Polyclonal Antibody to Brain Derived Neurotrophic Factor (BDNF)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142291	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against BDNF. It has been selected for its ability to recognize BDNF in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and GST-tag and its sequence is listed below. MSPI LGYWKIKGLV QPTRLLLEYL EEKYEELHYE RDEGDKWRNK KFELGLEFPN LPYYIDGDVK LTQSMAIIRY IADKHNLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDRCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHS AGLVPRGSTA IGMKETAALK FERQHMDSPD LGTGGGSGIE GRGSMGYRGS EF-ELSVCD SISEWVTAADK KTAVDMSGGT VTVLEKVPVS KGQLKQYFYE TKCNPMGYTK EGCRG
Sequence Length	248
Applicable Applications for anti-BDNF antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	BDNF (Glu139~Arg249)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Mouse
Conjugate	No Conjugate
Immunogen	Recombinant BDNF (Glu139~Arg249) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Mouse Ovary Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin-embedded Lung tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114326457
NCBI GeneID	12064
NCBI Accession #	NP_001041604.1
NCBI GenBank Nucleotide #	NM_001048139.1
UniProt Accession #	P21237
Molecular Weight	28,123 Da
NCBI Official Full Name	brain-derived neurotrophic factor isoform 2 preproprotein
NCBI Official Synonym Full Names	brain derived neurotrophic factor
NCBI Official Symbol	Bdnf
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-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142291>