

BDNF Antibody - N-terminal region (ARP41969_P050)

Data Sheet

Product Number	ARP41969_P050
Product Name	BDNF Antibody - N-terminal region (ARP41969_P050)
Size	50ug
Gene Symbol	BDNF
Nucleotide Accession#	
Protein Size (# AA)	329 amino acids
Molecular Weight	36kDa
Product Format	Lyophilized powder
NCBI Gene Id	627
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	brain-derived neurotrophic factor
Gene Family	ENDOLIG
Description	This is a rabbit polyclonal antibody against BDNF. It was validated on Western Blot by Aviva Systems Biology. At Aviva Systems Biology we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: EELDEDQKVRPNEENNKDADLYTSRVMLSSQVPLEPPLLFLLEEYKNYL
Description of Target	The protein encoded by this gene is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gene is reduced in both Alzheimer's and Huntington disease patients. This gene may play a role in the regulation of stress response and in the biology of mood disorders. Multiple transcript variants encoding distinct isoforms have been described for this gene.
Partner Proteins	BDNF,CADPS2,CPE,ESR1,MBTPS1,NCAM1,NOS3,NTF3,NTF4,NTRK2,SORT1,AGO3,APP,ELAVL1,F11R,INPP5K,JUNB,NTRK2,Ntrk2
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-BDNF antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For Anti-BDNF antibody is Catalog # AAP41969
Immunogen	The immunogen for Anti-BDNF antibody is: synthetic peptide directed towards the N-terminal region of Human BDNF
Swissprot Id	P23560-4
Protein Name	Brain-derived neurotrophic factor
Purification	Affinity Purified
Species Reactivity	Mouse, Rat, Dog, Rabbit, Zebrafish, Pig, Human
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Zebrafish: 100%

Human HepG2

90 kDa
65 kDa



Image 1



Host: Rabbit
Target Name: BDNF
Sample Tissue: HepG2 Whole cell lysates
Antibody Dilution: 1.0ug/ml

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.