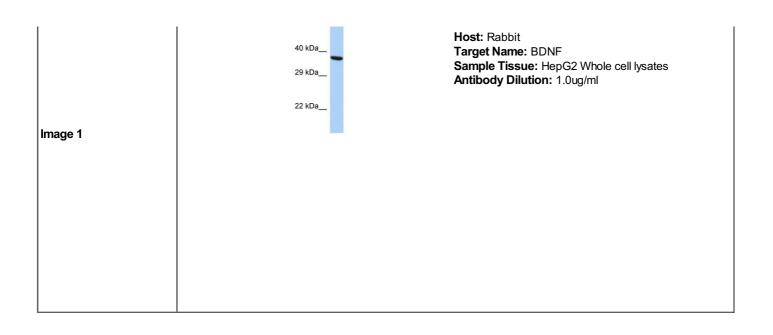
BDNF Antibody - N-terminal region (ARP41969_P050) Data Sheet

| 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: EELLDEDQKVRPNEENNKDADLYTSRVMLSSQVPLEPPLLFLLEEYKNYL |
| 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 | Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Zebrafish: 100% |

Human HepG2





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.