



# ***IMMUNOLOGICAL SCIENCES***

## **Product Data Sheet**

<b>AB-10700</b>	<b>Rabbit Anti-Brain Derived Neurotrophic Factor Polyclonal Antibody: Affinity Purified</b>
<b>Unit size</b>	250 µg
<b>Conc:</b>	500 ug/ml
<b>Immunogen</b>	A synthetic peptide from human mature BDNF (BDNF, Brain-derived neurotrophic factor, Abrineurin) conjugated to an immunogenic carrier protein was used as the immunogen. The peptide is homologous in many other species including rat, mouse, zebra fish and xenopus.
<b>Conjugate</b>	Unconjugated antibody
<b>Also known as</b>	Brain-derived neurotrophic factor, BDNF, Abrineurin
<b>Host</b>	NZ white rabbit
<b>Isotype</b>	IgG
<b>Applications</b>	IHC, WB. A concentration of 1:10 – 100 µg/ml is recommended. The optimal dilution should be determined by the end user.
<b>Specificity</b>	Appears to be specific for mature BDNF.
<b>Spcs X-react.</b>	Human, rat, mouse. Other species not yet tested.
<b>Format</b>	Liquid, Reconstituted with 50% distilled water plus 50% glycerol. Centrifuge and remove any insoluble material.
<b>Storage</b>	Maintain the liquid antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. Avoid freeze and thaw cycles.
<b>Expiry Date</b>	12 months.
<b>Shipping</b>	This item will be shipped to you at ambient temperature in a liquid form.
<b>References:</b>	<ol style="list-style-type: none"><li>1. Maisonpierre P.C, et al. Genomics 10:558-568(1991).</li><li>2. Ohara O, et al. Gene 121:383-386(1992).</li><li>3. Yancopoulos G.D, et al. Cold Spring Harb. Symp. Quant. Biol. 55:371-379(1990).</li><li>4. Liu Q.-R, et al. Brain Res. 1067:1-12(2006).</li><li>5. Aid T, et al. J. Neurosci. Res. 85:525-535(2007).</li><li>6. Timmusk T, et al. Neuron 10:475-489(1993).</li><li>7. Hallboeek F, et al. Neuron 6:845-858(1991).</li></ol>

**For Research use only; not for use as a diagnostic**

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Web-site: [www.immunologicalsciences.com](http://www.immunologicalsciences.com)

E-Mail: [info@immunologicalsciences.com](mailto:info@immunologicalsciences.com)