

Product Datasheet

BDNF Antibody

R-017-500

Unit Size: 0.5 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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R-017-500

BDNF Antibody

Product Information	
Unit Size	0.5 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 0.5 ml of sterilized water. Centrifuge to remove any insoluble material.
Isotype	IgG
Purity	Protein G purified
Buffer	No buffer

Product Description	
Host	Rabbit
Gene ID	627
Gene Symbol	BDNF
Species	Human, Mouse, Rat
Reactivity Notes	This antiserum is known to react with BDNF from rat, mouse, and human.
Specificity/Sensitivity	Less than 0.1% cross-reactivity against NGF, recombinant NT3 and NT4 by dot blot.
Immunogen	Recombinant human BDNF

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay, In vivo assay, Block/Neutralize
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen 5 ug/ml, In vitro assay 1-10ug/ml, In vivo assay Neat 2-10ug/ml, Block/Neutralize
Application Notes	For inhibition of biological activity in vitro 1-10 ug/ml. Use neat for in vivo studies at 2-10 ug/ml (ED50).



Publications

B Mellstrom et al. *Crit Rev Neurobiol* 16, 43-9. 2004-01-01 [PMID: 15581398]

I Tapia-Arancibia et al. *Front Neuroendocrinol* 25, 77-107. 2004-01-01 [PMID: 15571756]

S Pezet et al. *Brain Res Brain Res Rev* 40, 240-9. 2002-01-01 [PMID: 12589922]

XF Zhou et al. *Exp. Neurol.* 149: 237-42. 1998-01-01 [PMID: 9454633]

Conner J et al. *J. Neurosci.* 17: 2295. 1997-01-01 [PMID: 9065491]

XF Zhou et al. *Neurosci.* 74: 945-53. 1996-01-01 [PMID: 8895863]

Q Yan et al. *J. Neurosci.* 14(9): 5281-91. 1994-01-01 [PMID: 8083736]

Barde YA, Edgar D, Thoenen H. Purification of a new neurotrophic factor from mammalian brain. *EMBO J.* 1(5):549-53. 1982-01-01 [PMID: 7188352]

Acheson A, Conover JC, Fandl JP, DeChiara TM, Russell M, Thadani A, Squinto SP, Yancopoulos GD, Lindsay RM. A BDNF autocrine loop in adult sensory neurons prevents cell death. *Nature.* 374(6521):450-3. 1995-03-30 [PMID: 7700353]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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