

Product Datasheet

BDNF Antibody

R-088-100

Unit Size: 0.1 ml

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

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R-088-100

BDNF Antibody

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
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 deionized water.
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Host	Rabbit
Gene ID	627
Gene Symbol	BDNF
Species	Human, Mouse, Rat
Reactivity Notes	Known to react with BDNF from rat and human, and mouse.
Specificity/Sensitivity	Less than 0.1% cross-reactivity against NGF, NT3 and NT4/5 by dot blot.
Immunogen	Recombinant human BDNF

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, ELISA 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000
Application Notes	IHC-P, ELISA (1 site), Western Blot, inhibition of biological activity in vitro/in vivo. Recommended to be used at a dilution of 1:1000 for immunohistochemistry, ELISA and Western blot. 1:10 to 1:50 for inhibition of biological activity in vitro. Use neat for in vivo studies at 5-10 ul/g body weight. The optimal working dilution should be determined by the end user.



Publications

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

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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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