

Product Datasheet

proBDNF Antibody R-087-100

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-087-100

proBDNF 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 0.1 ml sterilized water.
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Host	Rabbit
Gene ID	627
Gene Symbol	BDNF
Species	Human, Mouse, Rat
Reactivity Notes	Reacts with human, mouse and rat.
Specificity/Sensitivity	Detects a 35 kDa band corresponding to the molecular weight of proBDNF. No cross reactivity with other proneurotrophins was detected.
Immunogen	A synthetic peptide (C-ELLDEDQKVRPNEE) as a part of human BDNF precursor protein (aa: 69-82) conjugated to KLH

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunohistochemistry 1:1000-1:5000, Immunohistochemistry-Frozen 1:1000-1:5000

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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