

Product Datasheet

BDNF Antibody S-016-100

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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S-016-100

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 | Sheep |
| Gene ID | 627 |
| Gene Symbol | BDNF |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Reacts with rat, mouse, and human. |
| Specificity/Sensitivity | A cross reactivity of less than 1% against mouse NGF, recombinant human NT3 or NT4/5 has been shown by one site ELISA. |
| Immunogen | Recombinant human BDNF |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Block/Neutralize |
| Recommended Dilutions | Western Blot 1:200-1:2000, ELISA 1:200-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:2000, Block/Neutralize |
| Application Notes | ELISA, Western Blot and Immunohistochemistry-P. Recommended to be used at a dilution of 1:200-2000 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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Young JM, Shykind BM, Lane RP, Tonnes-Priddy L, Ross JA, Walker M, Williams EM, Trask BJ. Odorant receptor expressed sequence tags demonstrate olfactory expression of over 400 genes, extensive alternate splicing and unequal expression levels. Genome Biol. 4(11):R71. 2003-01-01 [PMID: 14611657]

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]

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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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