



Rabbit antibody to NT3 (139-149): whole serum

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| Catalogue No.: | R-097-100 |
| Description: | FUNCTION: Seems to promote the survival of visceral and proprioceptive sensory neurons. SUBCELLULAR LOCATION: Secreted protein. TISSUE SPECIFICITY: Brain and peripheral tissues. SIMILARITY: Belongs to the NGF-beta family. |
| Batch No.: | See product label |
| Unit size: | 100 uL |
| Antigen: | A synthetic peptide (YAEHKSHRGEY) as part of human (aa: 139-149), mouse and rat NT3 protein conjugated to BSA has been used as the immunogen. |
| Other Names: | Neurotrophin-3; Neurotrophic factor; HDNF; Nerve growth factor 2; NGF-2; Ntf3; Ntf-3 |
| Accession: | NT3_HUMAN NT3_MOUSE NT3_RAT |
| Produced in: | Rabbit |
| Purity: | Whole serum |
| Applications: | IHC, ELISA, WB, inhibition of biological activity. A dilution of 1:500 to 1:2000 is recommended for IHC, western blot. For inhibition of biological activity: 1:10-50 for in vitro, 5-10 uL/g body weight for in vivo. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| Specificity: | A cross reactivity of less than 0.1% to mouse NGF, recombinant human BDNF and NT4/5 has been shown by dot blot. |
| Cross-reactivity: | This antiserum is known to react with rat, chicken and human NT3. |
| Form: | Lyophilised |
| Reconstitution: | Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material. |
| Storage: | After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles. |
| Expiry Date: | 12 months after purchase |
| References: | 1. Zouh et al. (1996) Mol. Neurobio. 13(3): 185-97 2. Rush et al. (1997) Clin. Exp. Pharmacol. 24: 549-55 3. Tafreshi et al. (1998) Neurosci. 83(2): 373-80 |

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