

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

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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