



## Rabbit antibody to NT3 (139-149): IgG

<b>Catalogue No.:</b>	R-096-500
<b>Description:</b>	FUNCTION: Seems to promotes 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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	500 ug
<b>Antigen:</b>	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.
<b>Other Names:</b>	Neurotrophin-3; Neurotrophic factor; HDNF; Nerve growth factor 2; NGF-2; Ntf3; Ntf-3
<b>Accession:</b>	NT3_HUMAN  NT3_MOUSE  NT3_RAT
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Protein G purified IgG
<b>Applications:</b>	IHC, ELISA, WB, inhibition of biological activity. A concentration of 1-10 ug/mL is recommended for IHC, ELISA, WB and inhibition of biological activity in vitro; 2-10 ug/mL (ED50) for in vivo use. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	A cross reactivity of less than 0.1% to mouse NGF, recombinant human BDNF and NT4/5 has been shown by dot blot.
<b>Cross-reactivity:</b>	This antiserum is known to react with rat, chicken and human NT3.
<b>Form:</b>	Lyophilised
<b>Reconstitution:</b>	Reconstitute in 500 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles. Glycerol (1:1) may be added for an additional stability.
<b>Expiry Date:</b>	12 months after purchase
<b>Specific References:</b>	Feron F et al (2008) Neurotrophin expression in the adult olfactory epithelium. Brain Res. 1196:13-21 Application: IHC; Species: Rat
<b>General References:</b>	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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