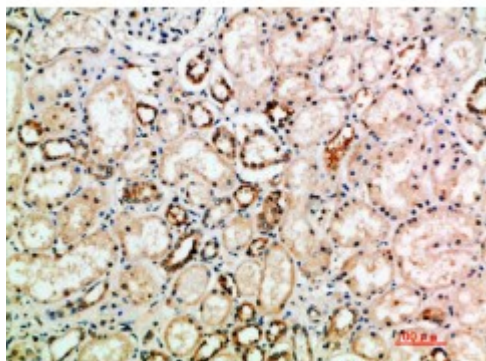


## Anti-NT-3 antibody



### Description

NT-3 is a protein encoded by the NTF3 gene which is approximately 29,4 kDa. NT-3 is secreted and is involved in apoptotic pathways in synovial fibroblasts, the GPCR pathway, ERK signalling, TGF-beta pathway and nanog in mammalian ESC pluripotency. This protein falls under the neurotrophin family. It controls survival and differentiation of mammalian neurons and is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo. NT-3 is expressed in the brain and peripheral tissues. Mutations in the NTF3 gene result in diabetic neuropathy and pediatric fibrosarcoma. STJ98718 was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. This polyclonal antibody binds to endogenous NT-3.

<b>Model</b>	STJ98718
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, FC, IHC
<b>Immunogen</b>	Synthetic peptide from human NT-3 protein.
<b>Immunogen Region</b>	180-230 aa
<b>Gene ID</b>	<a href="#">4908</a>
<b>Gene Symbol</b>	<a href="#">NTF3</a>
<b>Dilution range</b>	IHC-P 1:50-300ELISA 1:5000-20000
<b>Specificity</b>	The antibody detects endogenous NT-3.

<b>Tissue Specificity</b>	Brain and peripheral tissues.
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Neurotrophin-3 NT-3 HDNF Nerve growth factor 2 NGF-2 Neurotrophic factor
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:8023OMIM:162660</a>
<b>Alternative Names</b>	Neurotrophin-3 NT-3 HDNF Nerve growth factor 2 NGF-2 Neurotrophic factor
<b>Function</b>	Seems to promote the survival of visceral and proprioceptive sensory neurons.
<b>Cellular Localization</b>	Secreted.

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