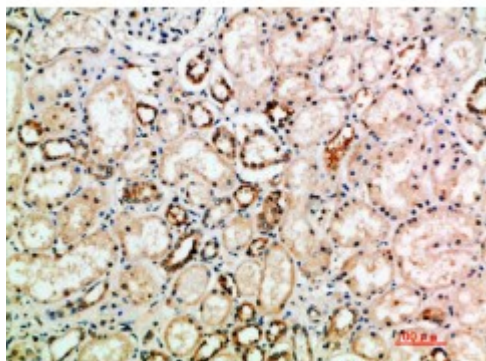


Anti-NT-3 antibody



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.

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

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

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