

Datasheet for ABIN4902031

anti-Neurotrophin 3 antibody (AA 180-230)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Neurotrophin 3 (NTF3)
Binding Specificity:	AA 180-230
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	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.
Immunogen:	Synthetic peptide from human NT-3 protein.
Isotype:	IgG

Product Details

Specificity:	The antibody detects endogenous NT-3.
Characteristics:	Rabbit Polyclonal to NT-3.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Target Details

Target:	Neurotrophin 3 (NTF3)
Alternative Name:	NT-3 (NTF3 Products)
Gene ID:	4908
UniProt:	P20783
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway

Application Details

Application Notes:	IHC-P 1:50-300 ELISA 1:5000-20000
Comment:	Brain and peripheral tissues.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % sodium azide as Preservative and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.