

Immunotag™ NT-3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5911
Product Description	Immunotag™ NT-3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NT-3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	IHC-p 1:50-200, ELISA 1:10000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthetic peptide from human protein at AA range: 180-230
Specificity	The antibody detects endogenous NT-3
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NTF3
Accession No.	P20783 P20181 P18280
Alternate Names	Neurotrophin-3 (NT-3) (HDNF) (Nerve growth factor 2) (NGF-2) (Neurotrophic factor)

Antibody Specification

Description	neurotrophin 3(NTF3) Homo sapiens The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein 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 when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	MAPK_ERK_Growth,MAPK_G_Protein,Neurotrophin,
Protein Expression	Cerebellum,Leukocyte,
Subcellular Localization	extracellular region,cytoplasmic, membrane-bounded vesicle,
Protein Function	function:Seems to promotes the survival of visceral and proprioceptive sensory neurons.,polymorphism:Variant Glu-76 (frequently reported as Glu-63) was thought to be associated with severe forms of schizophrenia. This does not seem to be the case.,similarity:Belongs to the NGF-beta family.,tissue specificity:Brain and peripheral tissues.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.