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Immunotag™ NT-4 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT3197
Product Description	Immunotag™ NT-4 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-4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the Internal region of human NT-4
Specificity	NT-4 Polyclonal Antibody detects endogenous levels of NT-4 protein.
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	NTF4
Accession No.	P34130 Q80VU4 P34131
Alternate Names	NTF4; NTF5; Neurotrophin-4; NT-4; Neurotrophin-5; NT-5; Neutrophic factor 4

Antibody Specification

Description	neurotrophin 4(NTF4) Homo sapiens This gene is a member of a family of neurotrophic factors, neurotrophins, that control survival and differentiation of mammalian neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. While knock-outs of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF5-deficient mice only show minor cellular deficits and develop normally to adulthood. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	MAPK_ERK_Growth,MAPK_G_Protein,Neurotrophin,
Protein Expression	Ovary,Prostate,
Subcellular Localization	extracellular region,endoplasmic reticulum lumen,cytoplasmic, membrane-bounded vesicle,
Protein Function	function:Target-derived survival factor for peripheral sensory sympathetic neurons.,similarity:Belongs to the NGF-beta family.,tissue specificity:Highest levels in prostate, lower levels in thymus, placenta, and skeletal muscle. Expressed in embryonic and adult tissues.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.