Immunotag™ NGFR Antibody

Antibody Specification

Catalog No.	ITA6899
Product Description	Immunotag™ NGFR Antibody
Size	100 µg, 200 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	NGFR
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthetic peptideof human NGFR
Specificity	NGFR Antibody detects endogenous levels of total NGFR
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NGFR
Accession No.	P08138
Alternate Names	CD271; CD271 antigen; Gp80 LNGFR; Gp80-LNGFR; Low affinity nerve growth factor receptor; Low affinity neurotrophin receptor p75NTR; Low-affinity nerve growth factor receptor; Nerve growth factor receptor; Nerve growth factor receptor TNFR superfamily member 16; NGF receptor; Ngfr; p75 ICD; p75 Neurotrophin receptor; p75 NTR; p75(NTR); p75NTR; TNFR Superfamily Member 16; TNFRSF16; TNR16_HUMAN; Tumor necrosis factor receptor superfamily member 16;

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Description	Plays a role in the regulation of the translocation of GLUT4 to the cell surface in adipocytes and skeletal muscle cells in response to insulin, probably by regulating RAB31 activity, and thereby contributes to the regulation of insulin-dependent glucose uptake (By similarity). Low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. Can mediate cell survival as well as cell death of neural cells. Necessary for the circadian oscillation of the clock genes ARNTL/BMAL1, PER1, PER2 and NR1D1 in the suprachiasmatic nucleus (SCN) of the brain and in liver and of the genes involved in glucose and lipid metabolism in the liver.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	45kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.