

Immunotag™ NK-3R Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5806
Product Description	Immunotag™ NK-3R 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	NK-3R
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000, ELISA 1:10000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from NK-3R at AA range: 291-340
Specificity	NK-3R Polyclonal Antibody detects endogenous levels of NK-3R
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	TACR3
Accession No.	P29371 P47937 P16177
Alternate Names	Neuromedin-K receptor (NKR) (NK-3 receptor) (NK-3R) (Neurokinin B receptor) (Tachykinin receptor 3)

Antibody Specification

Description	tachykinin receptor 3(TACR3) Homo sapiens This gene belongs to a family of genes that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5'-end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neurokinin 3, also referred to as neurokinin B. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Calcium,Neuroactive ligand-receptor interaction,
Protein Expression	Brain,G-protein coupled receptors,PCR rescued clones,Placenta,
Subcellular Localization	nucleus,cytoplasm,plasma membrane,integral component of plasma membrane,integral component of membrane,dendrite membrane,neuronal cell body membrane,
Protein Function	function:This is a receptor for the tachykinin neuropeptide neuromedin-K (neurokinin B). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.,miscellaneous:The rank order of affinity of this receptor to tachykinins is: neuromedin-K > substance K > substance P.,PTM:The anchoring of this receptor to the plasma membrane is probably mediated by the palmitoylation of a cysteine residue.,similarity:Belongs to the G-protein coupled receptor 1 family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.