G-Biosciences Image not found or type unknown

Immunotag™ NPBW2 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN2535
Product Description	Immunotag™ NPBW2 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	NPBW2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 260-340
Specificity	NPBW2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	NPBWR2 GPR8
Accession No.	P48146
Description	neuropeptides B/W receptor 2(NPBWR2) Homo sapiens The protein encoded by this gene is an integral membrane protein and G protein-coupled receptor. The encoded protein is similar in sequence to another G protein-coupled receptor (GPR7), and it is structurally similar to opioid and somatostatin receptors. This protein binds neuropeptides B and W. This gene is intronless and is expressed primarily in the frontal cortex of the brain. [provided by RefSeq, Jul 2008],

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Cell Pathway/ Category	Neuroactive ligand-receptor interaction,
Protein Expression	PCR rescued clones,
Subcellular Localization	plasma membrane,integral component of plasma membrane,integral component of membrane,neuron projection,
Protein Function	function:Interacts specifically with a number of opioid ligands. Receptor for neuropeptides B and W, which may be involved in neuroendocrine system regulation, food intake and the organization of other signals.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Detected at high levels in caudate nucleus, hyppocampus and amygdala; at moderate levels in the adult brain, thalamus, parietal cortex, pituitary gland, adrenal gland and lymph nodes.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.