

Immunotag™ Ghrelin Receptor Polyclonal Antibody

Antibody Specification	
Catalog No.	ITM3557
Product Description	Immunotag™ Ghrelin Receptor 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	Ghrelin Receptor
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p
Recommended Dilution	WB 1:1000-2000, IHC 1:100-200
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthetic Peptide of Ghrelin Receptor
Specificity	Ghrelin Receptor protein(A232) detects endogenous levels of Ghrelin Receptor
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	GHSR
Accession No.	Q92847 Q99P50 O08725
Alternate Names	Growth hormone secretagogue receptor type 1 (GHS-R) (GH-releasing peptide receptor) (GHRP) (Ghrelin receptor)

Antibody Specification

Description	growth hormone secretagogue receptor(GHSR) Homo sapiens This gene encodes a member of the G-protein coupled receptor family. The encoded protein may play a role in energy homeostasis and regulation of body weight. Two identified transcript variants are expressed in several tissues and are evolutionary conserved in fish and swine. One transcript, 1a, excises an intron and encodes the functional protein; this protein is the receptor for the Ghrelin ligand and defines a neuroendocrine pathway for growth hormone release. The second transcript (1b) retains the intron and does not function as a receptor for Ghrelin; however, it may function to attenuate activity of isoform 1a. Mutations in this gene are associated with autosomal idiopathic short stature.[provided by RefSeq, Apr 2010],
Cell Pathway/ Category	Neuroactive ligand-receptor interaction,
Protein Expression	Pituitary,
Subcellular Localization	plasma membrane,cell surface,integral component of membrane,neuron projection,membrane raft,
Protein Function	disease:Defects in GHSR may be a cause of short stature [MIM:604271]. Short stature is defined by a subnormal rate of growth.,function:Receptor for ghrelin, coupled to G-alpha-11 proteins. Stimulates growth hormone secretion. Binds also other growth hormone releasing peptides (GHRP) (e.g. Met-enkephalin and GHRP-6) as well as non-peptide, low molecular weight secretagogues (e.g. L-692,429, MK-0677, adenosine).,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Pituitary and hypothalamus.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.