



Ghrelin Receptor Polyclonal Antibody

Catalog No	BYab-12964
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;IHC;IF
Gene Name	GHSR
Protein Name	Growth hormone secretagogue receptor type 1 (GHS-R) (GH-releasing peptide receptor) (GHRP) (Ghrelin receptor)
Immunogen	Synthetic Peptide of Ghrelin Receptor AA range: 290-370
Specificity	Ghrelin Receptor protein(A232) detects endogenous levels of Ghrelin Receptor
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000, IHC 1:100-200. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Growth hormone secretagogue receptor type 1 (GHS-R;GH-releasing peptide receptor;GHRP;Ghrelin receptor)
Observed Band	41kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Pituitary and hypothalamus.
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.,
Background	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

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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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

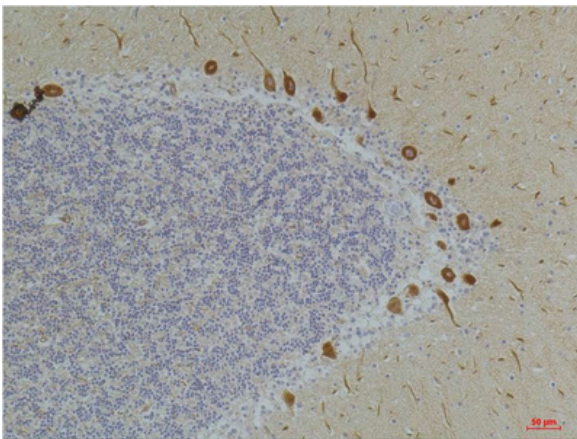


Products Images

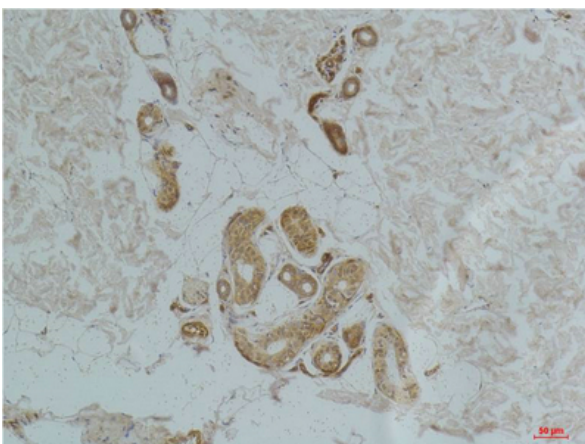
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Western blot analysis of 1) Rat Liver Tissue, 2) Jurkat with Ghrelin Receptor Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Brain Tissue using Ghrelin Receptor Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using Ghrelin Receptor Rabbit pAb diluted at 1:200.

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