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Datasheet for ABIN7267520  
**anti-GHSR antibody (AA 1-100)**

1 Image

Overview

Quantity:	100 µL
Target:	GHSR
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GHSR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	GHSR Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GHSR (NP_940799.1).
Sequence:	MWNATPSEEP GFNLTADLD WDASPGNSL GDELLQLFPA PLLAGVTATC VALFVVGIAG NLLTMLVVSF FRELRTTTLN YLSSMAFSDL LIFLCMPLDL
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	GHSR
Alternative Name:	GHSR ( <a href="#">GHSR Products</a> )
Background:	<p>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.,GHSR,GHDP,Cancer,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Endocrine &amp; Metabolism,Endocrine and metabolic diseases,Obesity,Neuroscience,GHSR</p>
Molecular Weight:	32kDa/41kDa
Gene ID:	2693
UniProt:	<a href="#">Q92847</a>
Pathways:	<a href="#">Hormone Transport</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Feeding Behaviour</a>

## Application Details

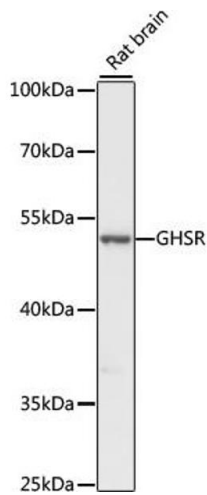
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of rat brain, using GHSR antibody (ABIN7267520) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.