

For Research Use Only

GHSR Polyclonal antibody

Catalog Number: 30602-1-AP



Basic Information

Catalog Number: 30602-1-AP	GenBank Accession Number: NM_198407	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 2693	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q92847	
Isotype: IgG	Full Name: growth hormone secretagogue receptor	
Immunogen Catalog Number: AG30358	Calculated MW: 41 kDa	
	Observed MW: 41 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : TT cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : rat brain tissue, mouse brain tissue

Background Information

The Growth Hormone Secretagogue Receptor (GHSR), also known as the ghrelin receptor, is a G protein-coupled receptor (GPCR) that plays a crucial role in regulating energy homeostasis, body weight, and growth hormone (GH) release. The GHSR is highly expressed in the brain, and also in some peripheral tissues. GHSR activity is evoked by the stomach-derived peptide hormone ghrelin and abrogated by the intestine-derived liver antimicrobial peptide 2 (LEAP2). (PMID: 33157147)

Storage

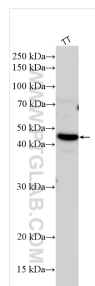
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

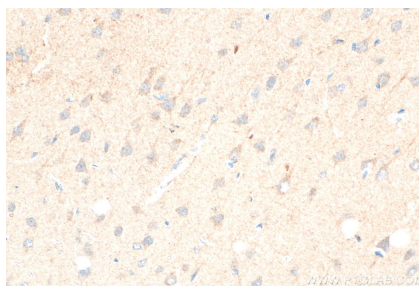
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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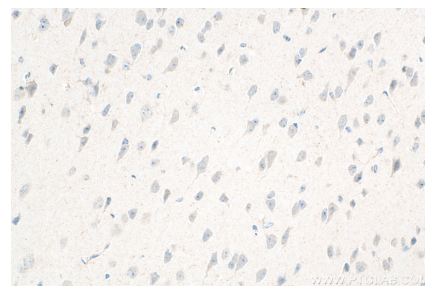
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30602-1-AP (GHSR antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 30602-1-AP (GHSR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30602-1-AP (GHSR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).