

For Research Use Only

GHSR Polyclonal antibody, PBS Only

Catalog Number: 30602-1-PBS



Basic Information

Catalog Number:

30602-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30358

GenBank Accession Number:

NM_198407

GeneID (NCBI):

2693

UNIPROT ID:

Q92847

Full Name:

growth hormone secretagogue receptor

Calculated MW:

41 kDa

Observed MW:

41 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS Only

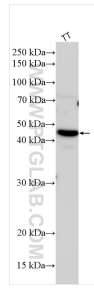
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

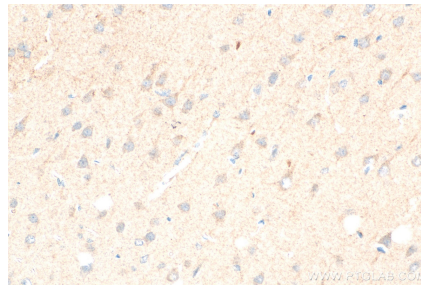
E: proteintech@ptglab.com
W: ptglab.com

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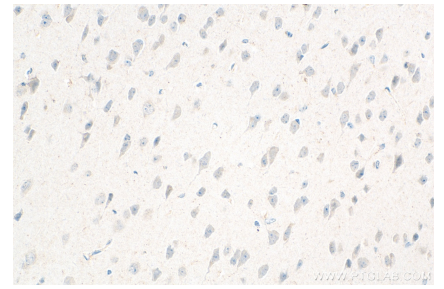
Selected Validation Data



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. This data was developed using the same antibody clone with 30602-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30602-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 30602-1-PBS in a different storage buffer formulation.