Product Name: GHRH-R Rabbit Polyclonal Antibody
Catalog #: APRab11439

Summary

Production Name	GHRH-R Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,WB,
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GHRHR
Alternative Names	GHRHR; Growth hormone-releasing hormone receptor; GHRH receptor; Growth hormone-releasing factor receptor; GRF receptor; GRFR
Gene ID	2692.0
SwissProt ID	Q02643.The antiserum was produced against synthesized peptide derived from human GHRHR. AA range:351-400

Application

Dilution Ratio	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Molecular Weight	47kD

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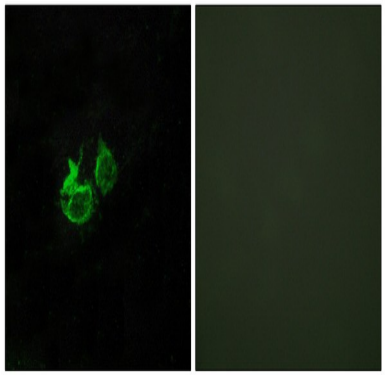
Background

This gene encodes a receptor for growth hormone-releasing hormone. Binding of this hormone to the receptor leads to synthesis and release of growth hormone. Mutations in this gene have been associated with isolated growth hormone deficiency (IGHD), also known as Dwarfism of Sindh, a disorder characterized by short stature. [provided by RefSeq, Jun 2010],disease:Defects in GHRHR are a cause of isolated growth hormone deficiency type IB (IGHD IB) [MIM:262400]; also known as pituitary dwarfism I. IGHD IB is an autosomal recessive deficiency of GH which cause short stature.,function:Receptor for GRF, coupled to G proteins which activate adenylyl cyclase. Stimulates somatotroph cell growth, growth hormone gene transcription and growth hormone secretion.,similarity:Belongs to the G-protein coupled receptor 2 family.,tissue specificity:Pituitary gland.,

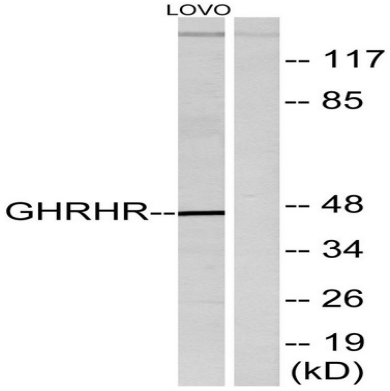
Research Area

Neuroactive ligand-receptor interaction;

Image Data



Immunofluorescence analysis of HUVEC cells, using GHRHR Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, using GHRHR Antibody. The lane on the right is blocked with the synthesized peptide.

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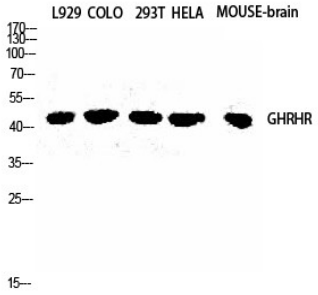
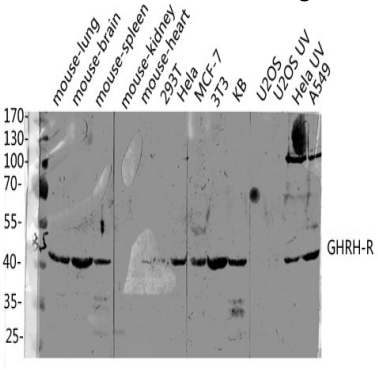


Western Blot analysis of L929 COLO 293T HELA MOUSE-brain cells using GHRH-R Polyclonal Antibody diluted at 1： 2000



Western blot analysis of various lysis using GHRH-R Polyclonal Antibody diluted at 1： 2000. Secondary antibody was diluted at 1:20000

Note

For research use only.