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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	47kDa

Antigen Information

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
Immunogen	The antiserum was produced against synthesized peptide derived from human GHRHR. AA range:351-400

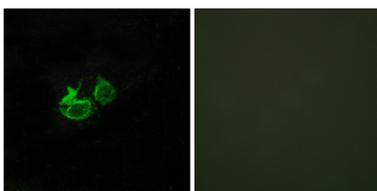
Background

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. IGHG 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.,

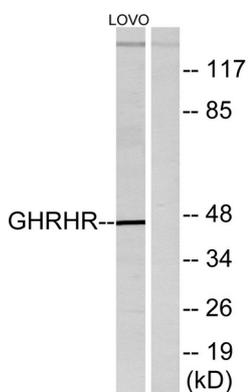
Research Area

Neuroactive ligand-receptor interaction;

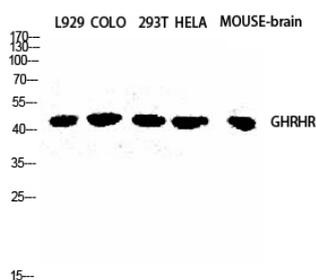
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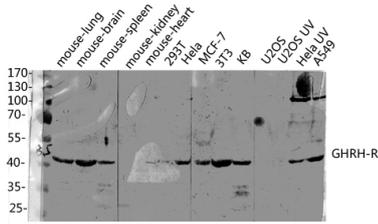
Immunofluorescence analysis of HUVEC cells, using GHRHR Antibody. The picture on the right is blocked with the synthesized peptide.



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



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 lysates using GHRH-R Polyclonal Antibody diluted at 1 : 2000. Secondary antibody was diluted at 1:20000