



# GHRH-R Polyclonal Antibody

<b>Catalog No</b>	BYab-13273
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IF;ELISA
<b>Gene Name</b>	GHRHR
<b>Protein Name</b>	Growth hormone-releasing hormone receptor
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GHRHR. AA range:351-400
<b>Specificity</b>	GHRH-R Polyclonal Antibody detects endogenous levels of GHRH-R protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	GHRHR; Growth hormone-releasing hormone receptor; GHRH receptor; Growth hormone-releasing factor receptor; GRF receptor; GRFR
<b>Observed Band</b>	47kD
<b>Cell Pathway</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Pituitary gland.
<b>Function</b>	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.,
<b>Background</b>	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.

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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],

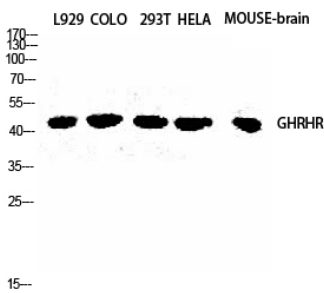
**matters needing attention**

Avoid repeated freezing and thawing!

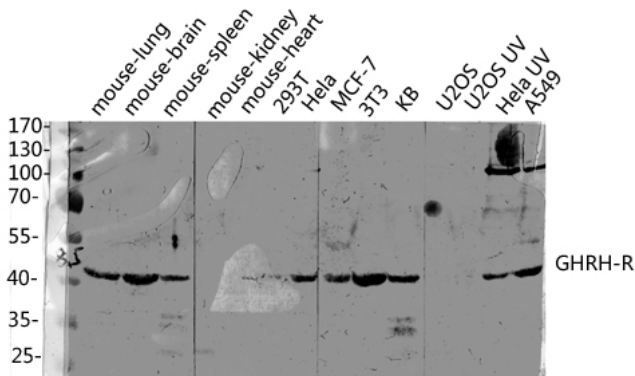
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

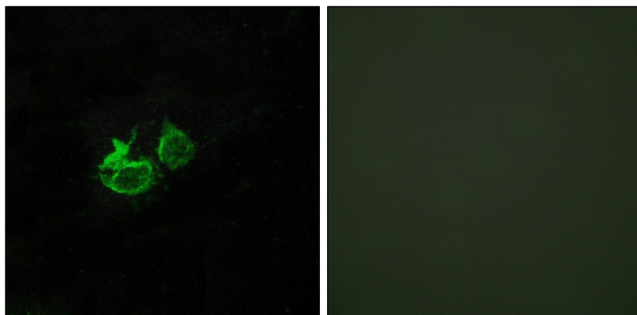
**Products Images**



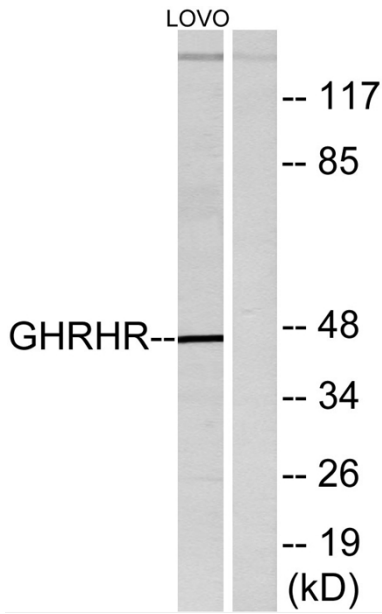
Western Blot analysis of L929 COLO 293T HELA MOUSE-brain cells using GHRH-R Polyclonal Antibody diluted at 1:2000



Western blot analysis of various lysis using GHRH-R Polyclonal Antibody diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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.