

## Product datasheet for **TA346246**

### GHRHR Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GHRHR antibody: synthetic peptide directed towards the C terminal of human GHRHR. Synthetic peptide located within the following region: YWWIIKGPIVLSVGVNFGFLFLNIIRILVRKLEPAQGSLSHTQSQYWYCVFV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	growth hormone releasing hormone receptor
Database Link:	<a href="#">NP_001009824</a> <a href="#">Entrez Gene 2692 Human</a> <a href="#">Q02643</a>



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<b>Background:</b>	GHRHR is a receptor for growth hormone-releasing hormone. Binding of this hormone to the receptor leads to synthesis and release of growth hormone. Mutations in its gene have been associated with isolated growth hormone deficiency (IGHD), also known as Dwarfism of Sindh, a disorder characterized by short stature. This gene, expressed in the pituitary, 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. Many alternate transcriptional splice variants encoding different isoforms have been described, but only two have been characterized to date.
<b>Synonyms:</b>	GHRFR; GHRHRpsv; GRFR; IGHD1B
<b>Note:</b>	Immunogen Sequence Homology: Pig: 100%; Horse: 100%; Human: 100%; Dog: 92%; Mouse: 92%; Sheep: 92%; Bovine: 92%; Rabbit: 91%; Guinea pig: 86%; Rat: 83%
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Neuroactive ligand-receptor interaction

**Product images:**

WB Suggested Anti-GHRHR Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate  
There is BioGPS gene expression data showing that GHRHR is expressed in Jurkat