

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA346246

GHRHR Rabbit Polyclonal Antibody

Product data:

| Product Type: | Primary Antibodies |
|-------------------------|--|
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| lsotype: | 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: YWWIIKGPIVLSVGVNFGLFLNIIRILVRKLEPAQGSLHTQSQYWYCVFV |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers. |
| 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: | <u>NP 001009824</u> |
| | <u>Entrez Gene 2692 Human</u> <u>Q02643</u> |

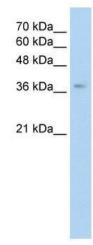


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

GHRHR Rabbit Polyclonal Antibody – TA346246

| Background: | 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. |
|-------------------|--|
| Synonyms: | GHRFR; GHRHRpsv; GRFR; IGHD1B |
| Note: | lmmunogen Sequence Homology: Pig: 100%; Horse: 100%; Human: 100%; Dog: 92%; Mouse: 92%; Sheep: 92%; Bovine: 92%; Rabbit: 91%; Guinea pig: 86%; Rat: 83% |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways: | Neuroactive ligand-receptor interaction |

Product images:



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

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US