

## Rabbit GHRHR Polyclonal Antibody | anti-GHRHR antibody

GHRHR Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                 |
|-----------|--------|-------------------|--------------------------------------------------------------|
| AAA325552 | Rabbit | Human, Mouse, Rat | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

GHRHR; Polyclonal Antibody; GHRHR Antibody; GHRFR; GHRH R; GHRH receptor; Ghrhr; GHRHR\_HUMAN; GHRHRpsv; GRF R; GRF receptor; GRFR; Growth hormone releasing factor receptor; Growth hormone releasing hormone receptor; Growth hormone-releasing factor receptor; Growth hormone-releasing hormone receptor; anti-GHRHR antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                        |
| Reactivity                                      | Human, Mouse, Rat                                                                             |
| Clonality                                       | Polyclonal                                                                                    |
| Isotype                                         | IgG                                                                                           |
| Specificity                                     | GHRHR antibody detects endogenous levels of total GHRHR                                       |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                     | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                 | 423                                                                                           |
| Applicable Applications for anti-GHRHR antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                  |
| Immunogen                                       | A synthesized peptide                                                                         |
| Subcellular Location                            | Cell Membrane                                                                                 |
| Tissue Specificity                              | Pituitary gland.                                                                              |
| Predicted Cross Reactivity                      | <b>Pig, Horse, Rabbit, Dog, Chicken</b>                                                       |
| Similarity                                      | Pig (100%), Horse (91%), Rabbit (100%), Dog (100%), Chicken (82%)                             |
| Conjugation                                     | Unconjugated                                                                                  |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

IMAGES



**WB (Western Blot)**  
Western blot analysis of extracts from LOVO cells, using GHRHR antibody.



**IF (Immunofluorescence)**  
AAA325552 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GHRHR antibody | Function: Receptor for GRF, coupled to G proteins which activate adenylyl cyclase. Stimulates somatotroph cell growth, growth hormone gene transcription and growth hormone secretion.<br>Similarity: Belongs to the G-protein coupled receptor 2 family. |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 58530851                                  |
| NCBI GeneID                      | 2692                                      |
| NCBI Accession #                 | NP_000814.2                               |
| NCBI GenBank Nucleotide #        | NM_000823.3                               |
| UniProt Accession #              | Q02643; Q99863                            |
| Molecular Weight                 | Observed: 47 kD<br>Predicted: 48 kDa      |
| NCBI Official Full Name          | growth hormone-releasing hormone receptor |
| NCBI Official Synonym Full Names | growth hormone releasing hormone receptor |
| NCBI Official Symbol             | GHRHR                                     |
| NCBI Official Synonym Symbols    | GRFR; GHRFR; IGHD1B                       |
| NCBI Protein Information         | growth hormone-releasing hormone receptor |
| UniProt Protein Name             | Growth hormone-releasing hormone receptor |
| UniProt Gene Name                | GHRHR                                     |
| UniProt Synonym Gene Names       | GHRH receptor; GRF receptor; GRFR         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.