

DATASHEET

GNRHR Rabbit Polyclonal Antibody

CAT. NO. APA15735

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | GNRHR | Source / Host | Rabbit |
| Reactivity | Human, Mouse | Clonality | Polyclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

BACKGROUND

Receptor for gonadotropin releasing hormone (GnRH) that mediates the action of GnRH to stimulate the secretion of the gonadotropic hormones luteinizing hormone (LH) and follicle-stimulating hormone (FSH). This receptor mediates its action by association with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Isoform 2 may act as an inhibitor of GnRH-R signaling.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----|----------------|
| WB | 1:500 - 1:2000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

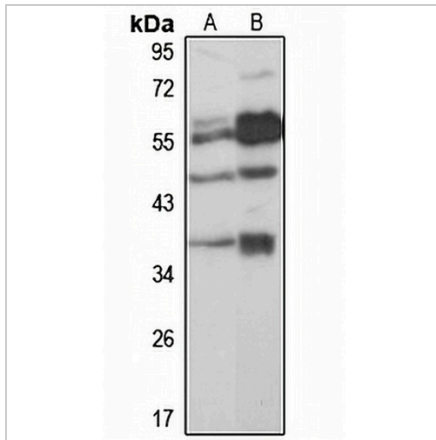
| | |
|-------------------|---|
| Description | Rabbit polyclonal antibody to GNRHR |
| Specificity | Recognizes endogenous levels of GNRHR protein |
| Antibody Type | Primary antibody |
| Immunogen | KLH-conjugated synthetic peptide of human GNRHR. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 27; Observed: 38 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | GRHR; Gonadotropin-releasing hormone receptor; GnRH receptor; GnRH-R |
| Gene Symbol | GNRHR |
| Entrez Gene | 2798(Human); 14715(Mouse) |
| SwissProt | P30968(Human); Q01776(Mouse) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of GNRHR expression in U87MG (A), mouse brain (B) whole cell lysates. (Predicted band size: 27; 37 kD; Observed band size: 38 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.