
GNRHR2 Rabbit pAb

Catalog Number: bs-11403R

Target Protein: GNRHR2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Pig)

Predicted MW: 33 kDa

Subcellular Cell membrane

Locations:

Entrez Gene: 114814

Source: KLH conjugated synthetic peptide derived from human GNRHR2: 81-180/292.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Gonadotropin-releasing hormone (GnRH) is released in a pulsatile manner that varies with the reproductive cycle. This hypothalamic hormone is transported to the pituitary, where it binds to specific receptors and regulates the synthesis and release of luteinizing hormone (LH) and follicle-stimulating hormone (FSH). Localized to the cell membrane, GNRHR2 mediates its own receptor activity via association with G proteins, thereby activating a phosphatidylinositol-calcium second messenger system that regulates GNRHR2 function. GNRHR2 is thought to have potent antiproliferative effects on ovarian and endometrial cancer cells, suggesting a possible role in tumor suppression. Due to alternative splicing events, GNRHR2 is expressed as two isoforms.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.095] Ding H et al. Expression and regulation of GNRHR2 gene and testosterone secretion mediated by GnRH2 and GNRHR2 within porcine testes. J Steroid Biochem Mol Biol. 2019 Jun;190:161-172. WB,IHC ; Boar . 30930217

[IF=0.4] Agil Wahyu Wicaksono. et al.Clinicopathological Profiles and Proliferative Activity of GnRH Receptor Type II Expressing Ovarian

