



## Rabbit Anti-GNRHR2 antibody

SL11403R

<b>Product Name:</b>	GNRHR2
<b>Chinese Name:</b>	促性腺素释放激素受体2抗体
<b>Alias:</b>	GnRH IIR; Putative gonadotropin-releasing hormone II receptor; gonadotropin-releasing hormone (type 2) receptor 2; GnRH-II-R; Type II GnRH receptor; GNRR2 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Pig,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	33kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human GNRHR2:81-180/292<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**Function:**

Receptor for gonadotropin releasing hormone II (GnRH II). This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Post-translational modifications:**

Phosphorylated on the C-terminal cytoplasmic tail (Probable).

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**SWISS:**

Q96P88

**Gene ID:**

114814

**Database links:**

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.