

MaxPab®

GNRHR purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002798-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GNRHR protein.
Immunogen	GNRHR (ADR83139.1, 1 a.a. ~ 328 a.a) full-length human protein.
Sequence	MANSASPEQNQNHC SAINNSIPLMQGNLPTLTLSGKIRVTVTFFLLSATFNASFLKLQKWTQKK EKGKKLSRMKLLKHLTLANLLETLMPLDGMWNITVQWYAGELLCKVLSYKLFSMYAPAFMMV VISLDRSLAITRPLALKSNSKVGQSMVGLAWILSSVFAGPQLYIFRMIHLADSSGQTKVFSQCVTHC SFSQWWHQAFYNFFTFSCLFIIPLFIMLICNAKIIFTLTRVLHQDPHELQLNQSKNNIPRARLKTLMKMT VAFATSFTVCWTPYYVLGWYWFDPPEMLNRLSDPVNHFFFLFAFLNPCFDPLIYGYSFL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — GNRHR

Entrez GeneID

[2798](#)

GeneBank Accession#	HQ258385.1
Protein Accession#	ADR83139.1
Gene Name	GNRHR
Gene Alias	GNRHR1, GRHR, LHRHR, LRHR
Gene Description	gonadotropin-releasing hormone receptor
Omim ID	138850 228300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the receptor for type 1 gonadotropin-releasing hormone. This receptor is a member of the seven-transmembrane, G-protein coupled receptor (GPCR) family. It is expressed on the surface of pituitary gonadotrope cells as well as lymphocytes, breast, ovary, and prostate. Following binding of gonadotropin-releasing hormone, the receptor associates with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Activation of the receptor ultimately causes the release of gonadotropic luteinizing hormone (LH) and follicle stimulating hormone (FSH). Defects in this gene are a cause of hypogonadotropic hypogonadism (HH). Alternative splicing results in multiple transcript variants encoding different isoforms. More than 18 transcription initiation sites in the 5' region and multiple polyA signals in the 3' region have been identified for this gene. [provided by RefSeq]
Other Designations	gonadotropin-releasing hormone (type 1) receptor 1 leutinizing hormone releasing hormone receptor leutinizing-releasing hormone receptor luliberin receptor type I GnRH receptor

Pathway

- [GnRH signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Amenorrhea](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chromosome Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Hypogonadism](#)

- [Kallmann Syndrome](#)
- [Mental Disorders](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)