

Rabbit anti-Human, Mouse GNRHR Polyclonal Antibody | anti-GNRHR antibody

GNRHR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304189	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GNRHR; Polyclonal Antibody; GNRHR Antibody; gonadotropin-releasing hormone receptor; HH7; GRHR; LRHR; LHRHR; GNRHR2; anti-GNRHR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GNRHR protein.
Form/Format	Supplied at 4.7mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	328
Applicable Applications for anti-GNRHR antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 62-75 amino acids of Human gonadotropin-releasing hormone receptor
Target Name	GNRHR
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 31212 (GNRHR Antibody) at dilution 1/117, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE
Lane1: 231 cell lysate
Lane2: Mouse testis tissue lysate
Lysates: 40 ug per lane
Primary antibody: 1/2350 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 25 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-GNRHR antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504059
NCBI GeneID	2798
NCBI Accession #	NP_000397
NCBI GenBank Nucleotide #	NM_000406.2
Molecular Weight	27,727 Da
NCBI Official Full Name	gonadotropin-releasing hormone receptor isoform 1
NCBI Official Synonym Full Names	gonadotropin-releasing hormone receptor
NCBI Official Symbol	GNRHR
NCBI Official Synonym Symbols	HH7; GRHR; LRHR; LHRHR; GNRHR1
NCBI Protein Information	gonadotropin-releasing hormone receptor
UniProt Protein Name	Gonadotropin-releasing hormone receptor
UniProt Gene Name	GNRHR
UniProt Synonym Gene Names	GRHR; GnRH receptor; GnRH-R
UniProt Entry Name	GNRHR_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnrhr-antibody-immunohistochemistry-western-blot-elisa/304189>