# Rabbit anti-Human, mouse GNRH1 Polyclonal Antibody | anti-GNRH1 antibody

GNRH1 Antibody (N-term)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA286436** | **Rabbit** | **Human, mouse** | **Immunohistochemistry, ELISA, Western Blot** |

## PRODUCT SYNONYMS

GNRH1; Polyclonal Antibody; GNRH1 Antibody (N-term); Progonadoliberin-1; Progonadoliberin I; Gonadoliberin-1; Gonadoliberin I; Gonadorelin; Gonadotropin-releasing hormone I; GnRH-I; Luliberin I; Luteinizing hormone-releasing hormone I; LH-RH I; GnRH-associated peptide 1; GnRH-associated peptide I; GNRH; GRH; LHRH; anti-GNRH1 antibody

## PRODUCT SPECIFICATIONS

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| **Host** | Rabbit |
| **Reactivity** | Human, mouse |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit Ig |
| **Specificity** | This GNRH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-39 amino acids from the N-terminal region of human GNRH1. |
| **Purity/Purification** | Purified Rabbit Polyclonal Antibody (Pab) |
| **Form/Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| **Sequence Positions** | 11-39 |
| **Applicable Applications for anti-GNRH1 antibody** | IHC (Immunohistochemistry), ELISA, WB (Western Blot) |
| **Function** | Stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating hormones. |
| **Cellular Location** | Secreted. |
| **Preparation and Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |

## IMAGES

**IHC (Immunohiostchemistry)**
GNRH1 Antibody (N-term) (AAA286436) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GNRH1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**WB (Western Blot)**
GNRH1 Antibody (N-term) (AAA286436) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the GNRH1 antibody detected the GNRH1 protein (arrow).

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-GNRH1 antibody** | Stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating hormones. |

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| **Product Categories/Family for anti-GNRH1 antibody** | Developmental Biology; Signal Transduction |
| **References** | Hong,I.S., J. Clin. Endocrinol. Metab. 93 (8), 3179-3185 (2008)<br>Baroncini,M., J. Neuroendocrinol. 19 (9), 691-702 (2007)<br>Nikolics,K., Nature 316 (6028), 511-517 (1985) |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 133908612 |
| **NCBI GeneID** | 2796 |
| **NCBI Accession #** | NP_001076580.1 |
| **NCBI GenBank Nucleotide #** | NM_001083111.1 |
| **UniProt Accession #** | P01148; A0AVP0 |
| **Molecular Weight** | 10380 |
| **NCBI Official Full Name** | progonadoliberin-1 isoform 2 preproprotein |
| **NCBI Official Synonym Full Names** | gonadotropin-releasing hormone 1 (luteinizing-releasing hormone) |
| **NCBI Official Symbol** | GNRH1 |
| **NCBI Official Synonym Symbols** | GRH; GNRH; HH12; LHRH; LNRH |
| **NCBI Protein Information** | progonadoliberin-1 |
| **UniProt Protein Name** | Progonadoliberin-1 |
| **UniProt Gene Name** | **GNRH1** |
| **UniProt Synonym Gene Names** | GNRH; GRH; LHRH; GnRH-I; LH-RH I |
| **UniProt Entry Name** | GON1_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/gnrh1-antibody-immunohistochemistry-western-blot-elisa/286436