

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

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 (Immunohistochemistry)

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

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) Baroncini,M., J. Neuroendocrinol. 19 (9), 691-702 (2007) Nikolics,K., Nature 316 (6028), 511-517 (1985)

NCBI AND UNIPROT INFORMATION

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.