

Rabbit anti-Human GNRH2 Polyclonal Antibody | anti-GNRH2 antibody

GNRH2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283990	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

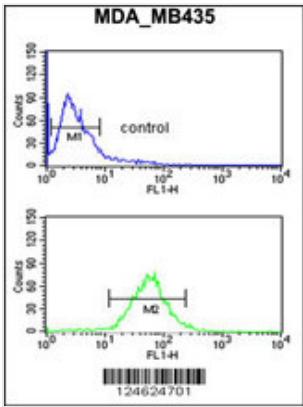
PRODUCT SYNONYMS

GNRH2; Polyclonal Antibody; GNRH2 Antibody (Center); Progonadoliberin-2; Progonadoliberin II; Gonadoliberin-2; Gonadoliberin II; Gonadotropin-releasing hormone II; GnRH II; Luliberin II; Luteinizing hormone-releasing hormone II; LH-RH II; GnRH-associated peptide 2; GnRH-associated peptide II; anti-GNRH2 antibody

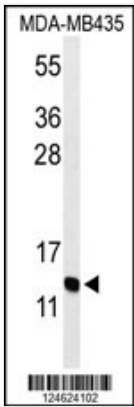
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GNRH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-53 amino acids from the Central region of human GNRH2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	26-53
Sequence Length	120
Applicable Applications for anti-GNRH2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
GNRH2 Antibody (Center) flow cytometric analysis of MDA-MB435 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of GNRH2 Antibody (Center) in MDA-MB435 cell line lysates (35ug/lane). GNRH2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GNRH2 antibody	The protein encoded by this gene is a preproprotein that is cleaved to form a secreted 10 aa peptide hormone. The secreted decapeptide regulates reproduction in females by stimulating the secretion of both luteinizing- and follicle-stimulating hormones.
Product Categories/Family for anti-GNRH2 antibody	Developmental Biology; Signal Transduction
References	Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Poon, S.L., et al. Mol. Endocrinol. 23(10):1646-1656(2009) Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) Palmieri, R.T., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3567-3572(2008) Poon, S.L., et al. Endocrinology 149(10):5162-5171(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504057
NCBI GeneID	2797
NCBI Accession #	NP_001492.1; NP_847901.1; NP_847902.1
NCBI GenBank Nucleotide #	NM_001501.1
UniProt Accession #	O43555; Q14C68; Q14C69; Q9BYN9; Q9BYP0
Molecular Weight	12918
NCBI Official Full Name	progonadoliberin-2 isoform a preproprotein
NCBI Official Synonym Full Names	gonadotropin-releasing hormone 2
NCBI Official Symbol	GNRH2
NCBI Official Synonym Symbols	GnRH-II; LH-RHII
NCBI Protein Information	progonadoliberin-2
UniProt Protein Name	Progonadoliberin-2
UniProt Gene Name	GNRH2
UniProt Synonym Gene Names	GnRH II; LH-RH II

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/gnrh2-antibody-flow-cytometry-western-blot-elisa/283990>