

ARG58860 anti-GNRH1 / Progonadoliberin 1 antibody

Package: 100 µl

Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GNRH1 / Progonadoliberin 1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GNRH1 / Progonadoliberin 1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 24-92 of Human GNRH1 / Progonadoliberin 1 (NP_001076580.1).
Conjugation	Un-conjugated
Alternate Names	GnRH-I; Progonadoliberin-1; GNRH; LH-RH I; LNRH; LHRH; GnRH-associated peptide I; Luliberin I; Luteinizing hormone-releasing hormone I; HH12; Gonadotropin-releasing hormone I; Gonadorelin; Progonadoliberin I; GRH; Gonadoliberin I

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SH-SY5Y	
Observed Size	12 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

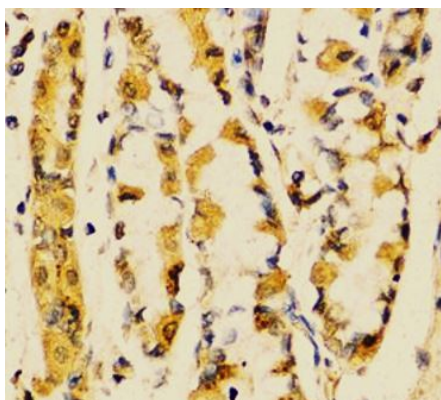
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

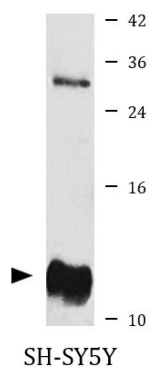
Gene Symbol	GNRH1
Gene Full Name	gonadotropin-releasing hormone 1 (luteinizing-releasing hormone)
Background	The protein encoded by this gene is secreted and then cleaved to form the 10 aa luteinizing hormone-releasing hormone (LHRH, also known as gonadoliberein-1), and prolactin release-inhibiting factor (also known as GnRH-associated peptide 1). LHRH stimulates the release of luteinizing and follicle stimulating hormones, which are important for reproduction. Mutation in this gene are associated with hypogonadotropic hypogonadism. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2012]
Function	Stimulates the secretion of gonadotropins; it stimulates the secretion of both luteinizing and follicle-stimulating hormones. [UniProt]
Calculated Mw	10 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG58860 anti-GNRH1 / Progonadoliberin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human stomach stained with ARG58860 anti-GNRH1 / Progonadoliberin 1 antibody at 1:100 dilution.



ARG58860 anti-GNRH1 / Progonadoliberin 1 antibody WB image

Western blot: 25 µg of SH-SY5Y cell lysate stained with ARG58860 anti-GNRH1 / Progonadoliberin 1 antibody at 1:1000 dilution.