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Datasheet for ABIN1714820
anti-GNRH1 antibody (AA 24-33)

Overview

Quantity:	100 µL
Target:	GNRH1
Binding Specificity:	AA 24-33
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNRH1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Gonadoliberin-1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GNRH1
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Target Details

Alternative Name: Gonadoliberin 1 ([GNRH1 Products](#))

Background: Synonyms: GNRH, Gonadoliberin-1, Progonadoliberin-1, GON1_HUMAN, Progonadoliberin I, Gonadoliberin I, Gonadorelin, Gonadotropin-releasing hormone I, Luliberin I, Luteinizing hormone-releasing hormone I, LH-RH I, progonadoliberin-1 isoform 2 preproprotein, progonadoliberin-1 isoform 1 precursor, GNRH1, GRH, LHRH.

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 gonadoliberin-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].

Gene ID: 2796

UniProt: [P01148](#)

Pathways: [Hormone Activity](#)

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months