



[Go to Product page](#)

Datasheet for ABIN686917

anti-GNRHR antibody (AA 201-328)

5 Images

2 Publications

Overview

Quantity:	100 µL
Target:	GNRHR
Binding Specificity:	AA 201-328
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNRHR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GnRHR
Isotype:	IgG
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GNRHR
Alternative Name:	GnRHR (GNRHR Products)

Target Details

Background: Receptor for gonadotropin releasing hormone (GnRH) that mediates the action of GnRH to stimulate the secretion of the gonadotropic hormones luteinizing hormone (LH) and follicle-stimulating hormone (FSH). This receptor mediates its action by association with G-proteins that activate a phosphatidylinositol-calcium second messenger system. Isoform 2 may act as an inhibitor of GnRH-R signaling.

Subcellular location: Secreted

Synonyms: HH7, GRHR, LRHR, LHRHR, GNRHR1, Gonadotropin-releasing hormone receptor, GnRH receptor, GnRH-R, GNRHR

Gene ID: 2798

UniProt: [P30968](#)

Application Details

Application Notes: WB 1:300-5000
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
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.03 % 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.

Storage: -20 °C

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

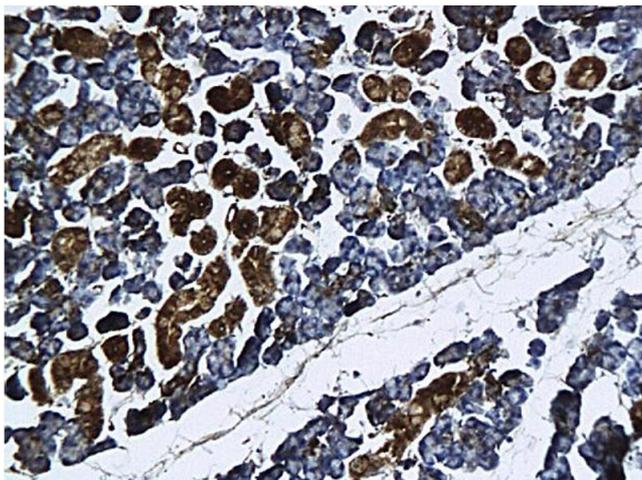
Expiry Date: 12 months

Publications

Product cited in: Shirzeyli, Tayyebiazar, Aliakbari, Ghasemi, Eini, Shirzeyli, Vanaki, Sobhani: "Comparison of the efficacy of bone morphogenetic protein-4 on in vitro differentiation of murine adipose and bone marrow mesenchymal stem cells into primordial germ cells." in: , Vol. 17, Issue 2, pp. 123-133, (2022) ([PubMed](#)).

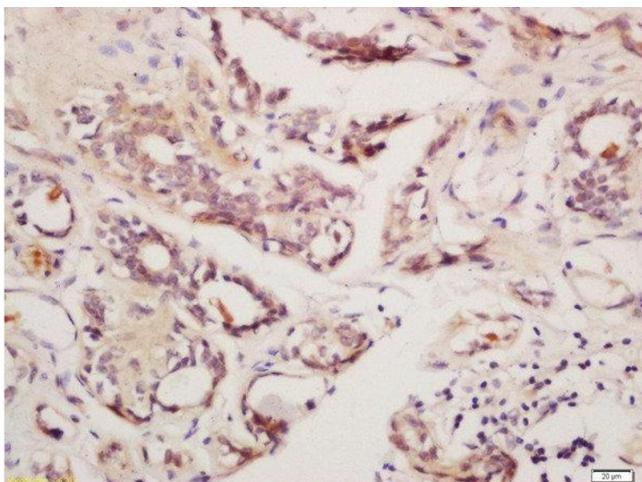
Imus, Roe, Charter, Durrant, Jensen: "Transfer and detection of freshly isolated or cultured chicken (*Gallus gallus*) and exotic species' embryonic gonadal germ stem cells in host embryos." in: **Zoological science**, Vol. 31, Issue 6, pp. 360-8, (2014) ([PubMed](#)).

Images



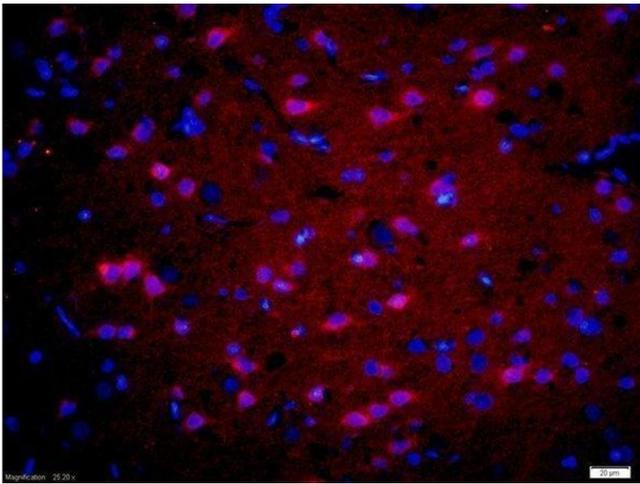
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat submandibular gland labeled with Anti-GnRHR Polyclonal Antibody, Unconjugated followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human breast cancer labeled with Rabbit Anti-GnRHR Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 3. Formalin-fixed and paraffin-embedded rat brain labeled with Rabbit Anti-GnRHR Polyclonal Antibody, Unconjugated used at 1:200 dilution for 40 minutes at 37°C.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN686917.