



Datasheet for ABIN7043262
anti-GNRHR antibody (Extracellular, N-Term)



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2 Images

Overview

Quantity:	50 µL
Target:	GNRHR
Binding Specificity:	AA 3-13, Extracellular, N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNRHR antibody is un-conjugated
Application:	Immunofluorescence (IF), Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)NNASLEQDQNH, corresponding to amino acid residues 3-13 of rat GnRHR
Isotype:	IgG
Cross-Reactivity (Details):	Not recommended for use with human samples.
Characteristics:	Anti-GnRH Receptor (extracellular) Antibody (ABIN7043262 and ABIN7044416) is a highly specific antibody directed against an epitope of rat GnRHR. The antibody can be used in western blot and immunohistochemistry applications. The antibody recognizes an extracellular epitope, and can potentially be used for detecting the protein in living cells. It has been designed to recognize GnRHR from mouse and rat samples. It is not suited to recognize GnRHR from human samples.

Product Details

Purification: Affinity purified on immobilized antigen.

Target Details

Target: GNRHR

Alternative Name: GnRH Receptor ([GNRHR Products](#))

Background: Alternative names: GnRH Receptor, Gonadotropin-releasing hormone receptor, GnRHR, Leutinizing hormone releasing hormone receptor, LHRHR, Luliberin receptor

Gene ID: 81668

NCBI Accession: [NM_001083111](#)

UniProt: [P30969](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.

Concentration: 0.85 mg/mL

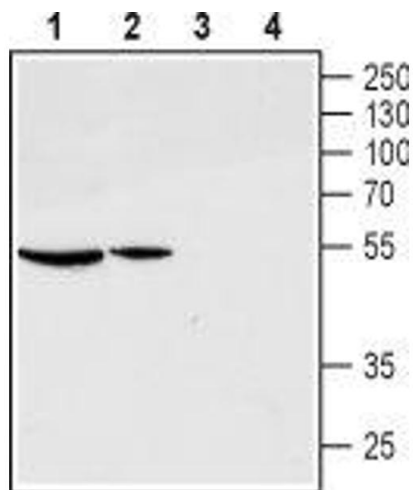
Buffer: Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.

Preservative: Sodium azide

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

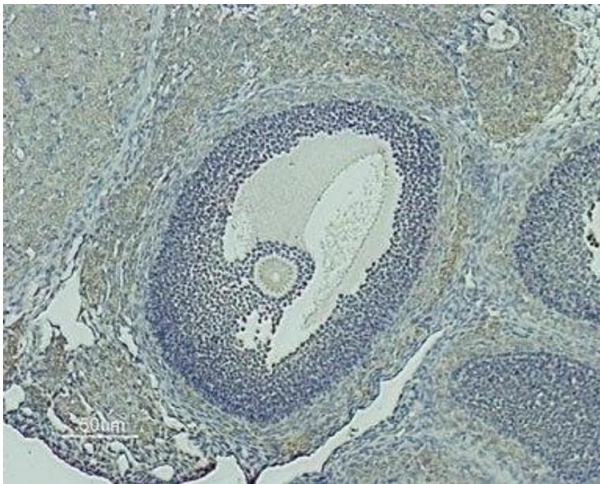
Storage: RT, 4 °C, -20 °C

Storage Comment: Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.
Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Western Blotting

Image 1. Western blot analysis of rat ovary (lanes 1 and 3) and pituitary (lanes 2 and 4) lysates: - 1,2. Anti-GnRH Receptor (extracellular) Antibody (ABIN7043262 and ABIN7044416), (1:200).3,4. Anti-GnRH Receptor (extracellular) Antibody, preincubated with GnRH Receptor (extracellular) Blocking Peptide (#BLP-GR030).



Immunohistochemistry

Image 2. Expression of GnRHR in rat ovary - Immunohistochemical staining of rat ovary paraffin-embedded sections using Anti-GnRH Receptor (extracellular) Antibody (ABIN7043262 and ABIN7044416). GnRHR labeling appears in the stroma surrounding the follicles. The stroma is a richly cellular connective tissue with scattered smooth muscle fibers. The theca layer is stained as well. Hematoxylin is used as the counterstain.