

Datasheet for ABIN615866
anti-FSHR antibody (Internal Region)



[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	FSHR
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FSHR antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide from Human FSHR. Epitope: Internal Genename: FSHR
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total FSHR protein.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	FSHR
Alternative Name:	FSH Receptor (FSHR Products)
Background:	FSHR, a Glycoprotein Hormone Receptor, is required for normal ovarian development and

Target Details

follicle maturation in females. When activated, it stimulates ovarian follicular growth and production of estrogens, initiating a normal menstrual cycle. In males, FSHR is required for the initiation of spermatogenesis and normal sperm production. Two isoforms are produced by alternative splicing. Synonyms: FSH-R, Follicle-stimulating hormone receptor, Follitropin receptor, LGR1

Gene ID: 2492

NCBI Accession: [NP_000136](#)

UniProt: [P23945](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Regulation of Hormone Metabolic Process](#), [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

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

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

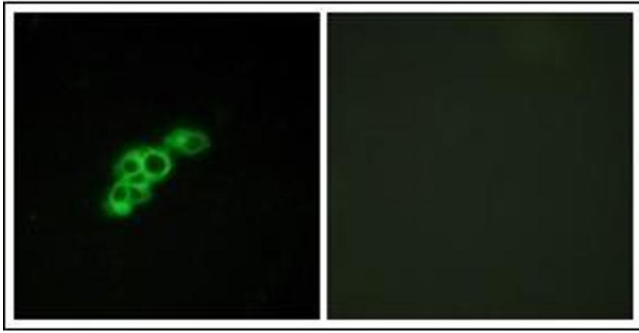
Buffer: PBS (without Mg²⁺, Ca²⁺), pH 7.4 containing 150 mM Sodium Chloride, 0.02 % Sodium Azide and 50 % Glycerol

Preservative: Sodium azide

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

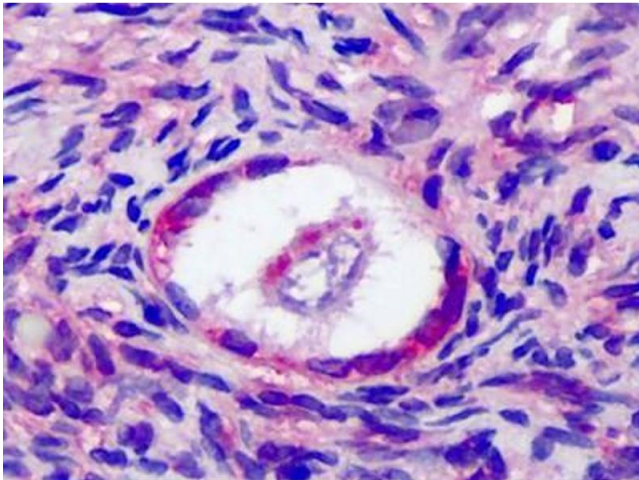
Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells, using FSHR Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Ovary: Formalin-Fixed, Paraffin-Embedded (FFPE)