

Datasheet for ABIN7043134  
**anti-FSHR antibody (Extracellular, N-Term)**



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2 Images

## Overview

Quantity:	25 µL
Target:	FSHR
Binding Specificity:	AA 128-140, Extracellular, N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FSHR antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Live Cell Imaging (LCI)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)SNTGIKHLPAVHK, corresponding to amino acid residues 128-140 of rat FSHR
Isotype:	IgG
Characteristics:	Anti-FSHR (extracellular) Antibody is directed against an extracellular epitope of the rat FSH receptor. Anti-FSHR (extracellular) Antibody (ABIN7043134, ABIN7044277 and ABIN7044278)) can be used in western blot and live cell imaging applications. It has been designed to recognize the FSH receptor from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

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Target:	FSHR
Alternative Name:	<a href="#">FSHR (FSHR Products)</a>
Background:	Alternative names: FSHR, FSH receptor, Follicle-stimulating hormone receptor, Follitropin receptor, FSHRO
Gene ID:	25449
NCBI Accession:	<a href="#">NM_000145</a>
UniProt:	<a href="#">P20395</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Regulation of Hormone Metabolic Process</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>

## Application Details

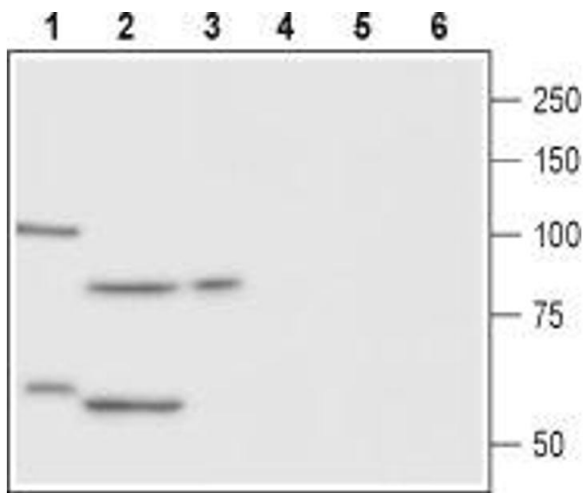
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

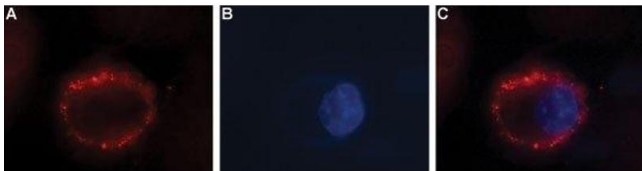
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Format:	Lyophilized
Reconstitution:	25 $\mu$ L, 50 $\mu$ L or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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 (lane 1 and 4), rat testis (lane 2 and 5) and human OVCAR3 (lane 3 and 6) lysates: - 1-3. Anti-FSHR (extracellular) Antibody (extracellular) Antibody (ABIN7043134, ABIN7044277 and ABIN7044278), (1:200).4-6. Anti-FSHR (extracellular) Antibody, preincubated with FSHR (extracellular) Blocking Peptide (#BLP-FR010).



### Immunocytochemistry

**Image 2.** Expression of FSH receptor in human ovary cell line - Cell surface detection of FSH receptor in intact living human OVCAR3 cells. A. Extracellular staining of cells using Anti-FSHR (extracellular) Antibody (ABIN7043134, ABIN7044277 and ABIN7044278), (1:25) followed by goat anti-rabbit AlexaFluor-594 secondary antibody. B. Nuclear staining of cells using DAPI as the counterstain. C. Merged images of A and B.