Datasheet for ABIN4909704

anti-FSHR antibody (AA 21-100)

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Overview

Quantity:	100 µL
Target:	FSHR
Binding Specificity:	AA 21-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FSHR antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

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

Target Details

Target:	FSHR

Target Details

Alternative Name:	FSH Receptor (FSHR Products)
Background:	Synonyms: Follicle-stimulating hormone receptor Background: Receptor for follicle-stimulating hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Induces cAMP production through the activation of PI3K-AKT and SRC-ERK1/2 signaling pathways.
Gene ID:	2492
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:	WB 1:300-5000
	FCM 1:20-100
	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, 0.02 % 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.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

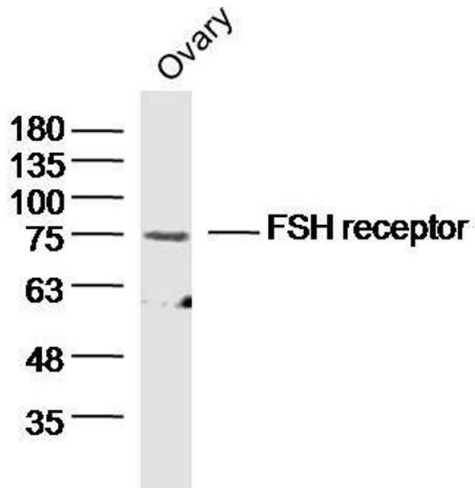
Handling

Expiry Date:	12 months

Publications

Product cited in:	Wang, Wang, Zhu, Zhang, Sheng, Zhang, Han, Yuan, Weng: "Seasonal expression of luteinizing hormone receptor and follicle stimulating hormone receptor in testes of the wild ground squirrels (Citellus dauricus Brandt)." in: **Acta histochemica**, Vol. 119, Issue 7, pp. 727-732, (2018) (PubMed).

Images



Western Blotting

Image 1. Mouse ovary lysates probed with FSH Receptor Polyclonal Antibody at 1:300 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.

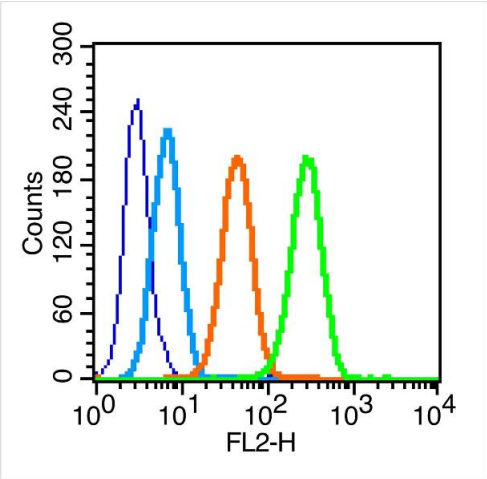


Image 2. MCF7 cells were incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with FSH Receptor Polyclonal Antibody at 1*: 50 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2%BSA in PBS, followed bysecondary antibody incubation for 40 min at room temperature. Acquisitions of 20, 000 events were performed.*