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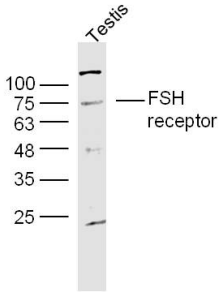
FSH receptor Rabbit pAb

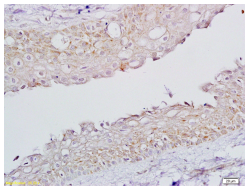
Catalog Number:	bs-0895R
Target Protein:	FSH receptor
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1μg/Test)
Reactivity:	Human, Mouse, Rat (predicted:Pig, Sheep, Cow, Dog, GuineaPig, Horse)
Predicted MW:	78 kDa
Subcellular Locations:	Cell membrane
Entrez Gene:	2492
Swiss Prot:	P23945
Source:	KLH conjugated synthetic peptide derived from human FSHR: 201-300/695.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	The protein encoded by this gene belongs to family 1 of G-protein coupled receptors. It is the receptor for follicle stimulating hormone and functions in gonad development. Mutations in this gene cause ovarian dysgenesis type 1, and also ovarian hyperstimulation syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

VALIDATION IMAGES

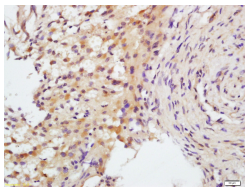


Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti-FSH receptor (bs-0895R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 78 kD Observed band size: 78 kD

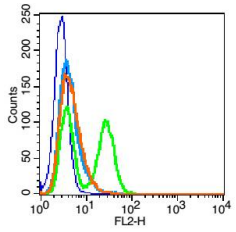
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Paraformaldehyde-fixed, paraffin embedded (rat ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FSH receptor) Polyclonal Antibody, Unconjugated (bs-0895R) at 1:200 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Tissue/cell: human placenta tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-FSH receptor Polyclonal Antibody, Unconjugated(bs-0895R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control: HUVEC cells(blue). Primary Antibody:Rabbit Anti-FSH receptor antibody(bs-0895R), Dilution: 1μg in 100 μL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions); Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA. Protocol The cells were fixed with 2% paraformaldehyde (10 min) .Primary antibody (bs-0895R, 1μg /1x10^6 cells) were incubated for 30 min on the ice, followed by 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/PE antibody was added into the blocking buffer mentioned above to react with the primary antibody at 1/200 dilution for 30 min on ice. Acquisition of 20,000 events was performed.

PRODUCT SPECIFIC PUBLICATIONS

[IF=18.2] Nuan Lin. et al. Quantum Sensing of Free Radicals in Primary Human Granulosa Cells with Nanoscale Resolution. ACS CENTRAL SCI. 2023;XXXX(XXX):XXX-XXX FCM ; Human . 10.1021/acscentsci.3c00747

[IF=12.081] Yu-Fang Liu. et al. Effect of melatonin on ATG2B-mediated autophagy regulation in sheep granulosa cells with different FecB genotypes. J PINEAL RES. 2023 May;:e12890 ICC ; Sheep . 37226314

[IF=7.7] Lingang Dai. et al. Ovarian multi-omics analysis reveals key rate-limiting enzymes FASN, SCD5, FADS1, 3BHSD, and STAR as potential targets for regulating kidding traits in goats. INT J BIOL MACROMOL. 2024 Dec;282:136737 IF ; Goat . 39433193

[IF=7.666] Yufang Liu. et al. Effect of Upregulation of Transcription Factor TFDP1 Binding Promoter Activity Due to RBP4 g.36491960G>C Mutation on the Proliferation of Goat Granulosa Cells. CELLS-BASEL. 2022 Jan;11(14):2148 IF ; Goat . 35883591

[IF=5.6] Yan Zheng. et al. ADPN Regulates Oxidative Stress-Induced Follicular Atresia in Geese by Modulating Granulosa Cell Apoptosis and Autophagy. INT J MOL SCI. 2024 Jan;25(10):5400 IF ; Goose . 38791438

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