

bs-20658R**[Primary Antibody]**

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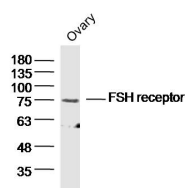
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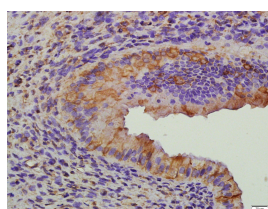
400-901-9800

FSH receptor Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1 μ g/Test) Reactivity: Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 78 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 2492	SWISS: P23945	
Target: FSH receptor		
Immunogen: KLH conjugated synthetic peptide derived from human FSH receptor: 21-100/695.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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

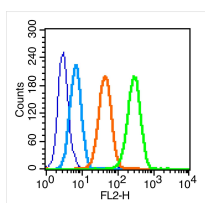
Sample: Ovary (mouse) Lysate at 40 μ g Primary: Anti- FSH receptor (bs-20658R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 78kD Observed band size: 78kD



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-20658R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat testis); 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 (CBFb) Polyclonal Antibody, Unconjugated (bs-20658R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control (blue line): MCF7 (fixed with 70% methanol overnight at 4°C). Primary Antibody (green line): Rabbit Anti-FSH receptor antibody (bs-20658R) ,Dilution: 0.2 μ g /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE,Dilution: 1 μ g /test.

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

— SELECTED CITATIONS —

- **[IF=6.208]** Sijie Fan. et al. Seasonal Change in Adiponectin Associated with Ovarian Morphology and Function in Wild Ground Squirrels (*Citellus dauricus* Brandt). INT J MOL SCI. 2022 Jan;23(23):14698 IHC ;Squirrel. 36499026
- **[IF=6]** Yu Cai. et al. β -Nicotinamide Mononucleotide Reduces Oxidative Stress and Improves Steroidogenesis in Granulosa Cells Associated with Sheep Prolificacy via Activating AMPK Pathway. ANTIOXIDANTS-BASEL. 2025 Jan;14(1):34 IF ;Sheep. 10.3390/antiox14010034
- **[IF=5.108]** Yang Z et al.
A pilot study on polycystic ovarian syndrome caused by neonatal exposure to tributyltin and bisphenol A in rats. Chemosphere. 2019 Sep;231:151-160. WB ;Rat. 31129395
- **[IF=4.627]** Wang Q et al.
Heat shock pretreatment improves mesenchymal stem cell viability by heat shock proteins and autophagy to prevent cisplatin-induced granulosa cell apoptosis. Stem Cell Res Ther. 2019 Nov 26;10(1):348. ICC ;Rat. 31771642
- **[IF=4.982]** Luo, Qianqian. et al. hUCMSCs reduce theca interstitial cells apoptosis and restore ovarian function in premature ovarian insufficiency rats through regulating NR4A1-mediated mitochondrial mechanisms. REPROD BIOL ENDOCRIN. 2022 Dec;20(1):1-14 IF ;Rat. 35986315