

bs-1903R**[Primary Antibody]****Stra8 Rabbit pAb****Bioss**
ANTIBODIES

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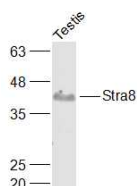
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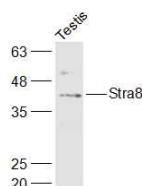
400-901-9800

— DATASHEET —

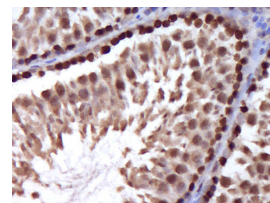
Host: Rabbit Clonality: Polyclonal GeneID: 346673 Target: Stra8 Immunogen: KLH conjugated synthetic peptide derived from human Stra8: 201-300/330. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene encodes a retinoic acid-responsive protein. A homologous protein in mouse has been shown to be involved in the regulation of meiotic initiation in both spermatogenesis and oogenesis, though feature differences between the mouse and human proteins suggest that these homologs are not entirely functionally equivalent. It is thought that this gene may play a role in spermatogenesis in humans. [provided by RefSeq, Nov 2010]	Isotype: IgG SWISS: Q7Z7C7	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human) Predicted MW.: 45 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: Testis (Rat) Lysate at 40 ug Primary:
Anti-bs-1903R (bs-1903R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 45 kD
Observed band size: 45 kD



Sample: Testis (Mouse) Lysate at 40 ug Primary:
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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 (Stra8) Polyclonal Antibody, Unconjugated (bs-1903R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.582]** Changliang Hou. et al. Stella Regulates the Development of Female Germline Stem Cells by Modulating Chromatin Structure and DNA Methylation. INT J BIOL SCI. 2022; 18(7): 3006–3018 WB ;Mouse. 35541912
- **[IF=5.048]** Yuling Tang. et al. Transcriptomic Profiling of Mouse Mast Cells upon Pathogenic Avian H5N1 and Pandemic H1N1 Influenza A Virus Infection. Viruses-Basel. 2022 Feb;14(2):292 WB ;Mouse. 10.3390/v14020292
- **[IF=5.2]** Mengqi Li. et al. Hypoxia Promotes the In Vitro Proliferation of Buffalo Spermatogonial Cells by Increasing Lactate and H3K18la Lactylation Levels. CELLS-BASEL. 2025 Jan;14(11):832 IF, WB ;Bovine. 40498008
- **[IF=4.221]** Jinxia Zhai. et al. BDE-209 induce spermatocytes arrest at early-pachytene stage during meiotic prophase I

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

in mice. Toxicology. 2022 Feb;467:153061 WB,IF ;Mouse. 34936917

- **[IF=2.959]** Zhuang M et al. Reelin regulates male mouse reproductive capacity via the sertoli cells.(2018) J. Cell. Biochem. 2018 Oct 18 WB ;Mouse. 30335884