

Stra8 Rabbit pAb

Catalog Number: bs-1903R

Target Protein: Stra8

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)

Reactivity: Mouse, Rat (predicted:Human)

Predicted MW: 45 kDa

Entrez Gene: 346673

Swiss Prot: Q7Z7C7

Source: KLH conjugated synthetic peptide derived from human Stra8: 201-300/330.

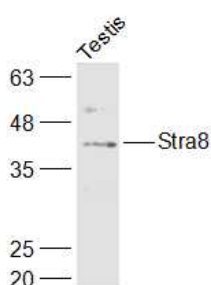
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

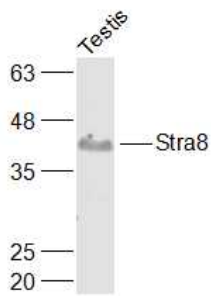
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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]

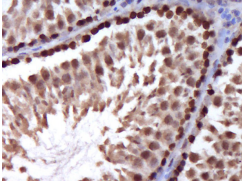
VALIDATION IMAGES



Sample: Testis (Mouse) 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 (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



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.

PRODUCT SPECIFIC PUBLICATIONS

[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=4.221] Jinxia Zhai. et al. BDE-209 induce spermatocytes arrest at early-pachytene stage during meiotic prophase I 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

[IF=2.5] Yuya Ogawa. et al. Estrogenic-like compounds severely disturb germ cell formation in Japanese quail. BIOCHEM BIOPH RES CO. 2025 Feb;746:151268 IF ; Coturnix japonica . 39742791