bs-8291R **[Primary Antibody]**

DPY19L2 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 283417 **SWISS:** Q6NUT2

Target: DPY19L2

Immunogen: KLH conjugated synthetic peptide derived from human DPY19L2: 101-200/758.

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 the dpy-19 family. It is highly expressed in testis, and is required for sperm head elongation and acrosome formation during spermatogenesis. Mutations in this gene are associated with an infertility disorder, spermatogenic failure type 9 (SPGF9). [provided by RefSeq, Dec 2011]

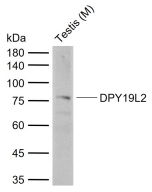
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog, Horse)

Predicted MW.: 87 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Mouse Testis tissue lysates Primary: Anti-DPY19L2 (bs-8291R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 87 kDa Observed band size: 77 kDa

SELECTED CITATIONS

- **[IF=11.043]** Chunyu Liu. et al. Deficiency of primate-specific SSX1 induced asthenoteratozoospermia in infertile men and cynomolgus monkey and tree shrew models. AM J HUM GENET. 2023 Feb 15 WB ;Human,Monkey. 36796361
- **[IF=9.621]** Lixiao Zhou. et al. Repression of autophagy leads to acrosome biogenesis disruption caused by a sub-chronic oral administration of polystyrene nanoparticles. Environ Int. 2022 May;163:107220 WB ;Mouse. 35381522
- **[IF=6.918]** Li Yaqian. et al. Whole-exome sequencing of a cohort of infertile men reveals novel causative genes in teratozoospermia that are chiefly related to sperm head defects. Hum Reprod. 2021 Nov;: IF ;Mouse,Human. 34791246
- **[IF=5.589]** Han YL et al. Chronic Arsenic Exposure Lowered Sperm Motility via Impairing Ultra-Microstructure and Key Proteins Expressions of Sperm Acrosome and Flagellum Formation During Spermiogenesis in Male Mice Sci Total Environ. 2020 May 19;734:139233. WB ;mouse. 32460071