

bs-11558R**[Primary Antibody]****GCNF Rabbit pAb****BioSS**
ANTIBODIES

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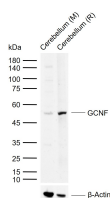
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2649 Target: GCNF Immunogen: KLH conjugated synthetic peptide derived from human GCNF: 251-350/480. 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: Germ cell nuclear factor (GCNF) is an orphan member of the nuclear receptor gene superfamily that influences neurogenesis and germ cell development. GCNF can homodimerize and bind DNA. GCNF regulates paracrine interaction between the oocyte and somatic cells by regulating the expression of BMP-15 and GDF-9, to affect female fertility. GCNF is present in spermatocytes and round spermatids of adult male mouse testis; northern blot and ribonuclease protection assays have shown GCNF is predominant in the testis. The gene expresses three alternatively spliced transcript variants.	Isotype: IgG SWISS: Q15406	Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 54 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebellum tissue lysates
Lane 2: Rat Cerebellum tissue lysates Primary:
Anti-GCNF (bs-11558R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 54 kDa
Observed band size: 52 kDa

— SELECTED CITATIONS —

- **[IF=11.501]** Shubhangini Kataruka et al. MicroRNA dilution during oocyte growth disables the microRNA pathway in mammalian oocytes. Nucleic Acids Res. 2020 Aug 20;48(14):8050-8062. WB ;Mouse、 Porcine and bovine. 32609824
- **[IF=11.501]** Kataruka Shubhangini. et al. MicroRNA dilution during oocyte growth disables the microRNA pathway in mammalian oocytes. Nucleic Acids Res. 2020 Aug;48(14):8050-8062 WB ;Mousse. 32609824