

bs-12278R**[Primary Antibody]****BioSS**
ANTIBODIES

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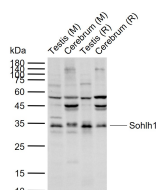
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Sohlh1 Rabbit pAb**DATASHEET**

Host: Rabbit Clonality: Polyclonal GeneID: 402381 Target: Sohlh1 Immunogen: KLH conjugated synthetic peptide derived from human Sohlh1: 51-118/328. 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: SOHLH1 is a 328 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one bHLH domain through which it may function as a transcription factor during oogenesis and spermatogenesis. The gene encoding SOHLH1 maps to human chromosome 9, which houses over 900 genes and comprises nearly 4% of the human genome. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.	Isotype: IgG Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human, Pig, Cow, Horse) Predicted MW.: 35 kDa Subcellular Location: Cytoplasm ,Nucleus
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VALIDATION IMAGES

Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Rat Testis tissue lysates Lane 4: Rat Cerebrum tissue lysates
Primary: Anti-Sohlh1 (bs-12278R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35 kDa Observed band size: 34 kDa

SELECTED CITATIONS

- **[IF=7.129]** Jinglong Xue. et al. Decabromodiphenyl ethane induces male reproductive toxicity by glycolipid metabolism imbalance and meiotic failure. ECOTOX ENVIRON SAFE. 2022 Nov;246:114165 WB ;Rat. 36228355
- **[IF=6.796]** Jinglong Xue. et al. Decabromodiphenyl ether induces the chromosome association disorders of spermatocytes and deformation failures of spermatids in mice. J ENVIRON SCI-CHINA. 2023 Apr; WB ;Mouse. 10.1016/j.jes.2023.03.043