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

Sohlh1 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: 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.

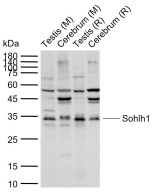
Applications: **WB** (1:500-2000)

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

Predicted MW.: 35 kDa

Subcellular Location: Cytoplasm ,Nucleus

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