

bs-21618R**[Primary Antibody]****Bioss**
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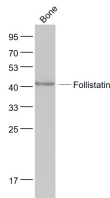
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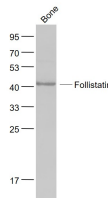
400-901-9800

FS/Follistatin Rabbit pAb**— DATASHEET —**

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 10468</p> <p>Target: FS/Follistatin</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human FS/Follistatin: 91-190/344.</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating hormone release. The single FST gene encodes two isoforms, FST317 and FST344 containing 317 and 344 amino acids respectively, resulting from alternative splicing of the precursor mRNA. There is evidence linking polycystic ovary syndrome and follistatin. Follistatin binds directly to activin and functions as an activin antagonist. It specific inhibitor of the biosynthesis and secretion of pituitary follicle stimulating hormone.</p>	<p>Isotype: IgG</p> <p>SWISS: P19883</p>	<p>Applications: WB (1:500-2000)</p> <p>Reactivity: Mouse (predicted: Human, Rat, Pig, Cow, Chicken, Dog, Horse)</p> <p>Predicted MW.: 38 kDa</p> <p>Subcellular Location: Secreted</p>
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— VALIDATION IMAGES —

Sample: Bone (Mouse) Lysate at 40 ug Primary: Anti-Follistatin (bs-21618R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD
 Observed band size: 38 kD



Sample: Bone (Mouse) Lysate at 40 ug Primary: Anti- FS/Follistatin (bs-21618R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD
 Observed band size: 41 kD

— SELECTED CITATIONS —

- **[IF=5.834]** Jie Pei. et al. A single-cell transcriptomic atlas characterizes cell types and their molecular features in yak ovarian cortex. FASEB J. 2022 Dec;37(1):e22718 IF ;Yak. 36527406
- **[IF=3.998]** A. Ikeda. et al. Follistatin expressed in mechanically-damaged salivary glands of male mice induces proliferation of CD49f + cells. Sci Rep-Uk. 2020 Nov;10(1):1-14 IHC ;Mouse. 33203957
- **[IF=1.7]** Haoxin Wang. et al. Follistatin (FST) is expressed in buffalo (Bubalus bubalis) ovarian follicles and promotes oocyte maturation and early embryonic development. REPROD DOMEST ANIM. 2023 Nov;; IHC ;Bovine. 37917549