

bs-19989R**[Primary Antibody]****BioSS**
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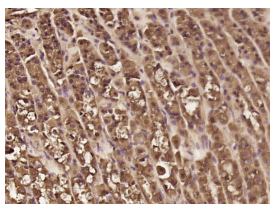
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PPP1R11 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 9692 Target: PPP1R11 Immunogen: KLH conjugated synthetic peptide derived from human PPP1R11: 21-100/126. 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: Chromosome 14 contains about 700 genes and 106 million base pairs and makes up about 3.5% of human cellular DNA. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease. The SERPINA1 gene is located on chromosome 14 and when defective leads to the genetic disorder α -antitrypsin deficiency. This disorder is characterized by severe lung complications and liver dysfunction. Notably, the immunoglobulin heavy chain locus is found on chromosome 14 and has been identified as a fusion with the chromosome 19 encoded protein BCL3 in the (14;19) translocations found in a variety of B cell malignancies. The KIAA0391 gene product has been provisionally designated KIAA0391 pending further characterization.	Isotype: IgG SWISS: O15091 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Sheep, Cow, Dog) Predicted MW.: 14 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PPP1R11) Polyclonal Antibody, Unconjugated (bs-19989R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=2.923]** Xianrong Xiong. et al. MicroRNA-34b-5p targets PPP1R11 to inhibit proliferation and promote apoptosis in cattleyak Sertoli cells by regulating specific signaling pathways. THERIOGENOLOGY. 2022 Dec;194:46 ICC,IHC,WB ;Bovine. 36209544

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=1.858]** Xingyu Min. et al. Analysis of PPP1R11 expression in granulosa cells during developmental follicles of yak and its effects on cell function. REPROD DOMEST ANIM. 2022 Oct;; IHC,IF ;Yak. 36178063