

bs-5734R**[Primary Antibody]****BioSS**
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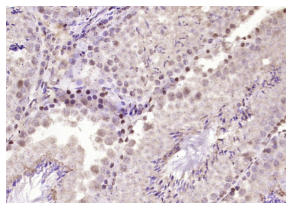
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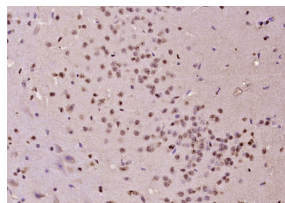
400-901-9800

PCGF1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 84759 Target: PCGF1 Immunogen: KLH conjugated synthetic peptide derived from human PCGF1: 121-220/259. 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: PCGF1 is a component of the Polycomb group (PcG) multiprotein BCOR complex, a complex required to maintain the transcriptionally repressive state of some genes, such as BCL6 and the cyclin-dependent kinase inhibitor, CDKN1A. It represses CDKN1A expression by binding to its promoter, and this repression is dependent on the retinoic acid response element (RARE element). PCGF1 also promotes cell cycle progression and also enhances cell proliferation, thus it may have a positive role in tumor cell growth.	Isotype: IgG SWISS: Q9BSM1	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 30 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse testis 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 (PCGF1) Polyclonal Antibody, Unconjugated (bs-5734R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain 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 (PCGF1) Polyclonal Antibody, Unconjugated (bs-5734R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.304]** Guangyu Ji. et al. PCGF1 promotes epigenetic activation of stemness markers and colorectal cancer stem cell enrichment. Cell Death Dis. 2021 Jun;12(7):1-12 IHC ;Mouse. 34148069