

**bs-3806R****[ Primary Antibody ]****Bioss**  
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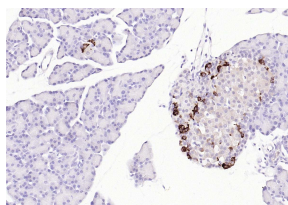
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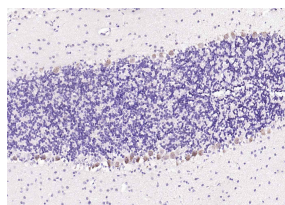
400-901-9800

**PGP9.5 Rabbit pAb****DATASHEET**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 7345</p> <p><b>Target:</b> PGP9.5</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PGP95: 35-140/223.</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><b>Storage:</b> 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><b>Background:</b> catalyzes the hydrolysis of ubiquitin carboxy-terminal thioesters to form ubiquitin and a thiol; may play a role in neuropathic pain [RGD]. Found in neuronal cell bodies and processes throughout the neocortex (at protein level). Expressed in neurons and cells of the diffuse neuroendocrine system and their tumors. Weakly expressed in ovary. Down-regulated in brains from Parkinson disease and Alzheimer disease patients.</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> P09936</p>	<p><b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)</p> <p><b>Reactivity:</b> Human, Mouse, Rat (predicted: Pig, Cow, GuineaPig, Horse)</p> <p><b>Predicted MW.:</b> 25 kDa</p> <p><b>Subcellular Location:</b> Cell membrane ,Cytoplasm</p>
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**VALIDATION IMAGES**

Paraformaldehyde-fixed, paraffin embedded (rat pancreas); 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; Incubation with (PGP9.5) Polyclonal Antibody, Unconjugated (bs-3806R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); 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; Incubation with (PGP9.5) Polyclonal Antibody, Unconjugated (bs-3806R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**SELECTED CITATIONS**

- **[IF=7.81]** Deng, Shou - Long, et al. "Melatonin promotes development of haploid germ cells from early developing spermatogenic cells of Suffolk sheep under in vitro condition." Journal of Pineal Research (2016). Other ;Sheep. 26993286
- **[IF=7.7]** Lin Guan. et al. "All-in-one" tea polyphenol-modified injectable hyaluronic acid-based hydrogel for diabetic wound healing. INT J BIOL MACROMOL. 2024 Nov;280:135736 IF ;Rat. 39293628
- **[IF=5.23]** Zheng, Liming, et al. "The Modification of Tet1 in Male Germline Stem Cells and Interact with PCNA, HDAC1 to promote their Self-renewal and Proliferation." Scientific Reports 6 (2016): 37414. ICC ;Goat. 27857213
- **[IF=5.295]** Ko-Chao Lee. et al. Use of iTRAQ-based quantitative proteomic identification of CHGA and UCHL1 correlated

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with lymph node metastasis in colorectal carcinoma. JOURNAL OF CELLULAR AND MOLECULAR MEDICINE. 2023 May;;  
IHC,WB ;Human. 37246623

- **[IF=3.12]** Zheng, Liming, et al. "CD49f promotes proliferation of male dairy goat germline stem cells." Cell Proliferation (2016). Other ;Goat. 26841372