

bs-1436R**[Primary Antibody]****BioSS**
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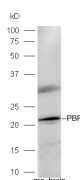
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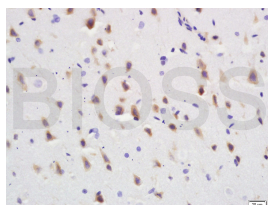
400-901-9800

PBP Rabbit pAb**— DATASHEET —**

| | | |
|--|----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | IHC-P (1:100-500) |
| GeneID: 5037 | SWISS: P30086 | IHC-F (1:100-500) |
| Target: PBP | | IF (1:100-500) |
| Immunogen: KLH conjugated synthetic peptide derived from human RKIP: 51-187/187. | | Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Chicken, Dog, Horse) |
| Purification: affinity purified by Protein A | | Predicted MW.: 21 kDa |
| Concentration: 1mg/ml | | Subcellular Location: Cytoplasm |
| 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: Binds ATP, opioids and phosphatidylethanolamine. Has lower affinity for phosphatidylinositol and phosphatidylcholine. Serine protease inhibitor which inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase. HCNP may be involved in the function of the presynaptic cholinergic neurons of the central nervous system. HCNP increases the production of choline acetyltransferase but not acetylcholinesterase. Seems to be mediated by a specific receptor. [SUBCELLULAR LOCATION] Cytoplasm. Belongs to the phosphatidylethanolamine-binding protein family. | | |

— VALIDATION IMAGES —

Sample: Brain(mouse) at lysates; Primary: Anti-PBP (bs-1436R) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000 dilution; Predicted band size:21 kD Observed band size:21 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-RKIP/PBP Polyclonal Antibody, Unconjugated(bs-1436R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=3.9]** Ying Chen. et al. Regulatory role of exosomal proteins MIF and PEBP1 in sperm storage in black rockfish (*Sebastes schlegelii*) ovary. AQUACULTURE. 2025 Mar;598:741985 WB ;Fish. 10.1016/j.aquaculture.2024.741985
- **[IF=1.581]** Ping et al. Expression of RKIP, E-cadherin and NF-κB p65 in esophageal squamous cell carcinoma and their correlations. (2015) Int.J.Clin.Exp.Pathol. 8:10164-70 IHC ;Human. 26617724
- **[IF=1.39]** Wei et al. Promoter methylation and expression of Raf kinase inhibitory protein in esophageal squamous cell

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

carcinoma. (2017) Oncol.Lett. 13:1866-1872 IHC ;Human. 28454336