

bs-7003R**[Primary Antibody]****BioSS**
ANTIBODIES

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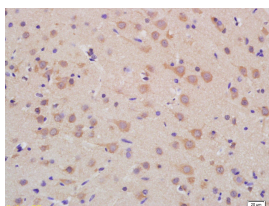
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PMPCB Rabbit pAb**— DATASHEET —**

| | | |
|---|---------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) |
| Clonality: Polyclonal | | |
| GeneID: 9512 | | |
| Target: PMPCB | | Reactivity: Rat (predicted: Human, Mouse) |
| Immunogen: KLH conjugated synthetic peptide derived from human PMPCB: 181-280/489. | | |
| Purification: affinity purified by Protein A | | Predicted MW.: 49 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: PMPCB is a member of the peptidase M16 family and encodes a protein with a zinc-binding motif. PMPCB is located in the mitochondrial matrix and catalyzes the cleavage of the leader peptides of precursor proteins newly imported into the mitochondria, though it only functions as part of a heterodimeric complex. | | |

— VALIDATION IMAGES —

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-PMPCB Polyclonal Antibody, Unconjugated(bs-7003R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining