

bs-1873R

[Primary Antibody]

PRCP Rabbit pAb

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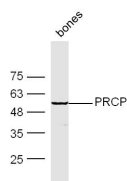
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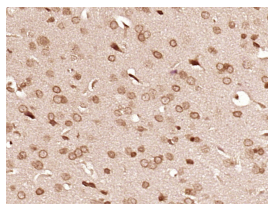
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Cow, Dog, Horse) Predicted MW.: 55 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 5547	SWISS: P42785	
Target: PRCP		
Immunogen: KLH conjugated synthetic peptide derived from human PRCP: 101-200/496.		
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: PRCP belongs to the peptidase S28 family. It cleaves C-terminal amino acids linked to proline in peptides such as angiotensin II, III and des-Arg9-bradykinin. This cleavage occurs at acidic pH, but enzymatic activity is retained with some substrates at neutral pH.		

— VALIDATION IMAGES —



Sample: bone (Mouse) Lysate at 40 ug Primary:
Anti-PRCP(bs-1873R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 55 kD
Observed band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded
(Mouse brain); 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 (PRCP) Polyclonal Antibody,
Unconjugated (bs-1873R) at 1:400 overnight at
4°C, followed by a conjugated secondary
antibody (sp-0023) for 20 minutes and DAB
staining.