bs-1873R

[Primary Antibody]

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

PRCP Rabbit pAb

GenelD: 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.

Applications: WB (1:500-2000)

400-901-9800

IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500)

Reactivity: Mouse (predicted: Human,

Rat, Cow, Dog, Horse)

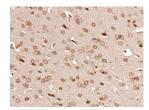
Predicted 55 kDa

Subcellular Cytoplasm Location:

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.