

## Anti-PRCP Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Cow,Horse)
Molecular Weight:	Theoretical: 55 kDa. Actual: 55 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (PRCP) Polyclonal Antibody, Unconjugated (TMAB-11712) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.</p> <p>2. Sample: bone (Mouse) Lysate at 40 µg Primary: Anti-PRCP(TMAB-11712) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 55 kD</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PRCP
Antigen Species:	Human
Gene ID:	5547
Uniprot ID:	P42785

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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