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# anti-PRCP antibody (AA 169-443)

**Images** 



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Quantity:	100 μL
Target:	PRCP
Binding Specificity:	AA 169-443
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRCP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

# **Product Details**

Purpose:	Polyclonal Antibody to Prolylcarboxypeptidase (PRCP)
Immunogen:	Recombinant Prolylcarboxypeptidase (PRCP) corresdonding to Gln169~Leu443 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PRCP. It has been selected for its ability to recognize PRCP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

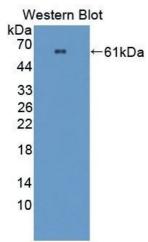
# **Target Details**

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Target:	PRCP	
Alternative Name:	Prolylcarboxypeptidase (PRCP Products)	
Background:	PCP, HUMPCP, Lysosomal Pro-X Carboxypeptidase, Angiotensinase C, Lysosomal	
	carboxypeptidase C, Proline carboxypeptidase	
Application Details		
Application Notes:	Western blotting: 0.5-2 μg/mL	
	1:500-2000 Immunohistochemistry: 5-20 μg/mL	
	1:50-200 Immunocytochemistry: 5-20 µg/mL	
	1:50-200 Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated	
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without	
	detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	



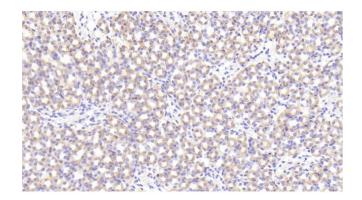
# **Western Blotting**

**Image 1.** Detection of PRCP in Mouse Kidney lysate using Polyclonal Antibody to Prolylcarboxypeptidase (PRCP)



# **Western Blotting**

**Image 2.** Detection of Recombinant PRCP, Mouse using Polyclonal Antibody to Prolylcarboxypeptidase (PRCP)



# **Immunohistochemistry**

**Image 3.** Detection of PRCP in Mouse Kidney Tissue using Polyclonal Antibody to Prolylcarboxypeptidase (PRCP)