



### Anti-PRCP antibody ab231526

3 Images

#### Overview

<b>Product name</b>	Anti-PRCP antibody
<b>Description</b>	Rabbit polyclonal to PRCP
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Recombinant fragment corresponding to Mouse PRCP aa 150-450. (N-terminal His and GST Tag; Expressed in E.coli). Database link: <a href="#">Q7TMR0</a>
	<div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	IHC-P: Mouse kidney tissue. WB: Mouse kidney lysate; Recombinant mouse PRCP protein.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab231526 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab231526 in the following tested applications.

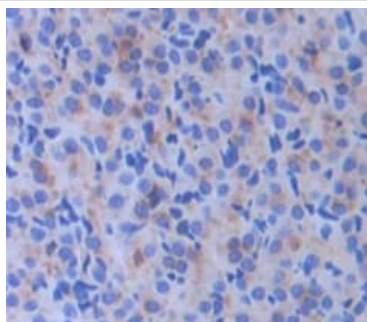
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 56 kDa.

## Target

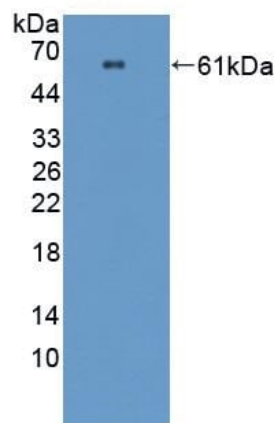
<b>Function</b>	Cleaves C-terminal amino acids linked to proline in peptides such as angiotensin II, III and des-Arg9-bradykinin. This cleavage occurs at acidic pH, but enzymatic activity is retained with some substrates at neutral pH.
<b>Tissue specificity</b>	Highest levels in placenta, lung and liver. Also present in heart, brain, pancreas and kidney.
<b>Sequence similarities</b>	Belongs to the peptidase S28 family.
<b>Cellular localization</b>	Lysosome.

## Images



Formalin-fixed, paraffin-embedded mouse kidney tissue stained for PRCP using ab231526 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRCP antibody (ab231526)



Western blot - Anti-PRCP antibody (ab231526)

Anti-PRCP antibody (ab231526) at 2 µg/ml + Recombinant mouse PRCP protein

**Predicted band size:** 56 kDa



Western blot - Anti-PRCP antibody (ab231526)

Anti-PRCP antibody (ab231526) at 2 µg/ml + Mouse kidney lysate

**Predicted band size:** 56 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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