

## Rabbit anti-Human PRCP Polyclonal Antibody | anti-PRCP antibody

PRCP Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA307428</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

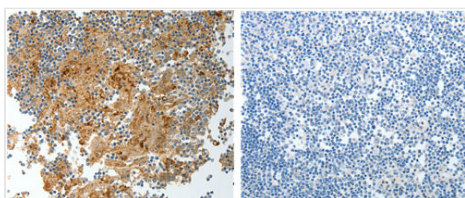
### PRODUCT SYNONYMS

PRCP; Polyclonal Antibody; PRCP Antibody; Prolylcarboxypeptidase (angiotensinase C); PCP; HUMPCP; anti-PRCP antibody

### PRODUCT SPECIFICATIONS

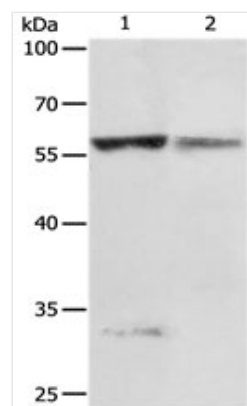
|                                                |                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                      |
| Reactivity                                     | Human                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                  |
| Specificity                                    | The antibody detects endogenous level of total PRCP protein.                                                                |
| Form/Format                                    | Supplied at 0.7mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.     |
| Sequence Length                                | 2068                                                                                                                        |
| Applicable Applications for anti-PRCP antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                        |
| Immunogen Type                                 | Recombinant protein                                                                                                         |
| Immunogen Description                          | Fusion protein corresponding to a region derived from 46-317 amino acids of human prolylcarboxypeptidase (angiotensinase C) |
| Target Name                                    | PRCP                                                                                                                        |
| Preparation and Storage                        | Store at -20 degree C/1 year                                                                                                |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human tonsil tissue using 31116(PRCP Antibody) at dilution 1/20, on the right is treated with the fusion protein.



#### Application Data

Gel: 10%SDS-PAGE Lane1: Jurkat cell lysate Lane2: Human fetal liver tissue lysate Lysates: 50 ug per lane Primary antibody: 1/200 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 5 minutes

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PRCP antibody | The protein encoded by this gene is a lysosomal prolylcarboxypeptidase, which cleaves C-terminal amino acids linked to proline in peptides such as angiotension II, III and des-Arg9-bradykinin. The cleavage occurs at acidic pH, but the enzyme activity is retained with some substrates at neutral pH. This enzyme has been shown to be an activator of the cell matrix-associated prekallikrein. The importance of angiotension II, one of the substrates of this enzyme, in regulating blood pressure and electrolyte balance suggests that this gene may be related to essential hypertension. Alternatively spliced transcript variants encoding distinct isoforms have been observed. |
| Product Categories/Family for anti-PRCP antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 37589043                                                     |
| NCBI GeneID                      | 5547                                                         |
| Molecular Weight                 | 58,100 Da                                                    |
| NCBI Official Full Name          | Homo sapiens prolylcarboxypeptidase (angiotensinase C), mRNA |
| NCBI Official Synonym Full Names | prolylcarboxypeptidase (angiotensinase C)                    |
| NCBI Official Symbol             | PRCP                                                         |
| NCBI Official Synonym Symbols    | PCP; HUMPCP                                                  |
| NCBI Protein Information         | lysosomal Pro-X carboxypeptidase                             |
| UniProt Protein Name             | Lysosomal Pro-X carboxypeptidase                             |
| UniProt Gene Name                | PRCP                                                         |
| UniProt Synonym Gene Names       | PCP; PRCP                                                    |
| UniProt Entry Name               | PCP_HUMAN                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prcp-antibody-immunohistochemistry-western-blot-elisa/307428>