

## Rabbit PRCP Polyclonal Antibody | anti-PRCP antibody

PRCP Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA167566 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

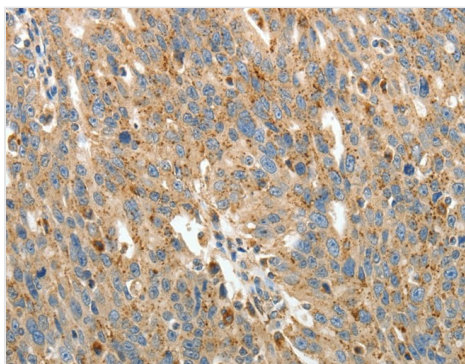
### PRODUCT SYNONYMS

PRCP; Polyclonal Antibody; PRCP Polyclonal Antibody; PCP; HUMPCP; anti-PRCP antibody

### PRODUCT SPECIFICATIONS

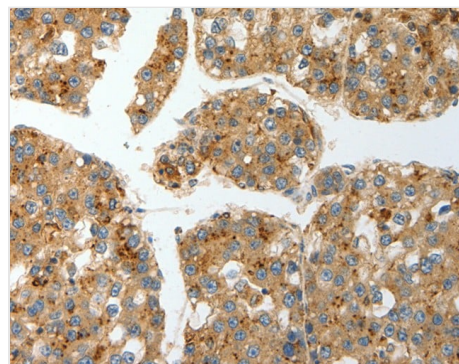
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 0.5mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 491                                                                                       |
| Applicable Applications for anti-PRCP antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                      | Recombinant protein of human PRCP                                                         |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



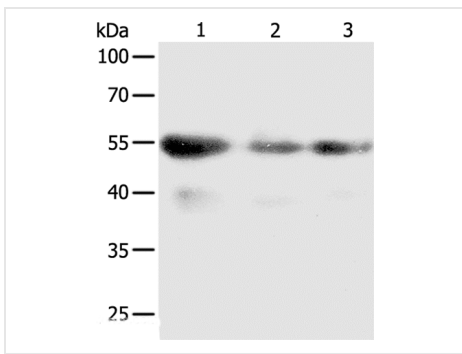
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using PRCP Polyclonal Antibody at dilution of 1:15



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using PRCP Polyclonal Antibody at dilution of 1:15



#### WB (Western Blot)

Western Blot analysis of SKOV3, A549 cell and Human liver cancer tissue using PRCP  
 Polyclonal Antibody at dilution of 1:100

## 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

Cell Biology

## NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 32967631                                                   |
| NCBI GeneID                      | 72461                                                      |
| Molecular Weight                 | 11,803 Da                                                  |
| NCBI Official Full Name          | Prpc protein                                               |
| NCBI Official Synonym Full Names | prolylcarboxypeptidase (angiotensinase C)                  |
| NCBI Official Symbol             | Prpc                                                       |
| NCBI Official Synonym Symbols    | PCP; HUMPCP; AI451719; 2510048K03Rik; 2610104A14Rik        |
| NCBI Protein Information         | lysosomal Pro-X carboxypeptidase; proline carboxypeptidase |
| UniProt Protein Name             | Lysosomal Pro-X carboxypeptidase                           |
| UniProt Gene Name                | <b>Prpc</b>                                                |
| UniProt Synonym Gene Names       | PRCP                                                       |
| UniProt Entry Name               | PCP_MOUSE                                                  |

**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://www.aaabiotech.com/polyclonal/prcp-antibody-immunohistochemistry-western-blot-elisa/167566>