

Rabbit PRCP Polyclonal Antibody | anti-PRCP antibody

PRCP Polyclonal Antibody

CATALOG # AAA166226	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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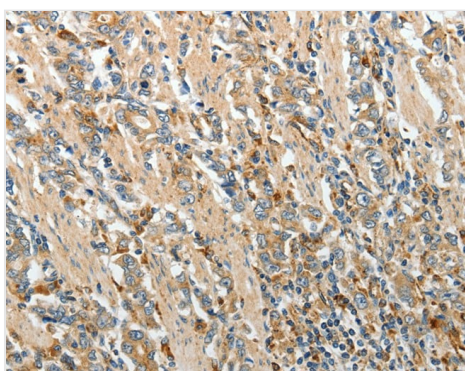
PRODUCT SYNONYMS

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

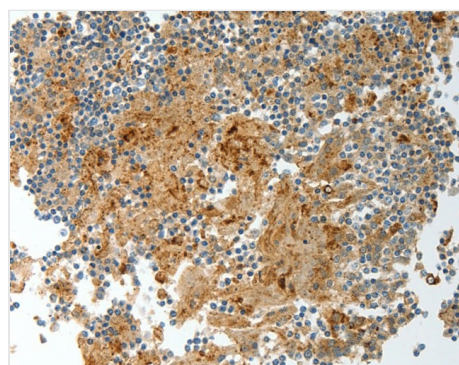
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.7mg/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.

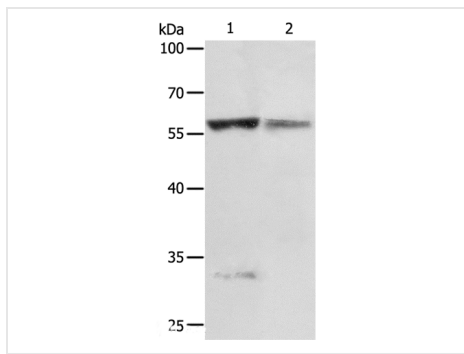
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using PRCP Polyclonal Antibody at dilution of 1:20


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil using PRCP Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of Jurkat cell and Human fetal liver tissue using PRCP Polyclonal Antibody at dilution of 1:200

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	Prpc
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/166226>