

PCP Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16119**Specification**

PCP Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P42785
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

PCP Antibody - N-terminal region - Additional Information**Gene ID** 5547**Alias Symbol** **PRCP, PCP,**
Other Names

Lysosomal Pro-X carboxypeptidase, 3.4.16.2, Angiotensinase C, Lysosomal carboxypeptidase C, Proline carboxypeptidase, Prolylcarboxypeptidase, PRCP, PRCP, PCP

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-PCP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

PCP Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PCP Antibody - N-terminal region - Protein Information**Name** PRCP**Synonyms** PCP**Function**

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.

Cellular Location

Lysosome.

Tissue Location

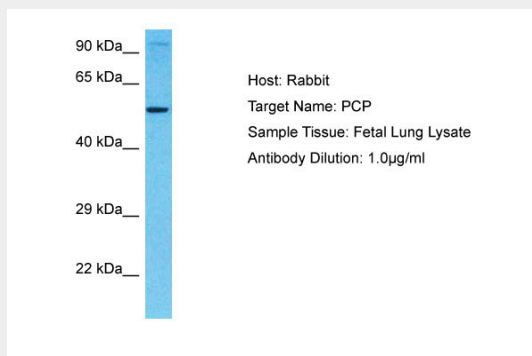
Highest levels in placenta, lung and liver. Also present in heart, brain, pancreas and kidney

PCP Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PCP Antibody - N-terminal region - Images



Host: Rabbit
Target Name: PCP
Sample Tissue: Fetal Lung lysates
Antibody Dilution: 1.0µg/ml

PCP Antibody - N-terminal region - Background

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PCP Antibody - N-terminal region - References

Tan F.,et al.J. Biol. Chem. 268:16631-16638(1993).
Tan F.,et al.J. Biol. Chem. 268:26032-26032(1993).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Goshima N.,et al.Nat. Methods 5:1011-1017(2008).
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