

**PGCP Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59421**

**Specification**

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**PGCP Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF
Primary Accession	<a href="#">Q9Y646</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51888

**PGCP Polyclonal Antibody - Additional Information**

**Gene ID** 10404

**Other Names**

Carboxypeptidase Q, 3.4.17.-, Lysosomal dipeptidase, Plasma glutamate carboxypeptidase, CPQ, LCH1, PGCP

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PGCP Polyclonal Antibody - Protein Information**

**Name** CPQ

**Synonyms** LCH1, PGCP

**Function**

Carboxypeptidase that may play an important role in the hydrolysis of circulating peptides. Catalyzes the hydrolysis of dipeptides with unsubstituted terminals into amino acids. May play a role in the liberation of thyroxine hormone from its thyroglobulin (Tg) precursor.

**Cellular Location**

Endoplasmic reticulum. Golgi apparatus. Lysosome. Secreted. Note=Secretion is stimulated by TSH/thyroid-stimulating hormone, INS/insulin and SST/somatostatin

**Tissue Location**

Mainly detected in blood plasma. Abundant in placenta and kidney. Present at low level in muscles, liver and skin fibroblasts. Not detected in brain or white blood cells (at protein level).

**PGCP Polyclonal Antibody - 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](#)

**PGCP Polyclonal Antibody - Images**