

PGCP antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12901**Specification**

PGCP antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9Y646
Other Accession	NM_016134 , NP_057218
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Chicken, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 52kDa KDa

PGCP antibody - N-terminal region - Additional Information**Gene ID** 10404**Alias Symbol** LDP, PGCP**Other Names**

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

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PGCP 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

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

PGCP antibody - N-terminal region - 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

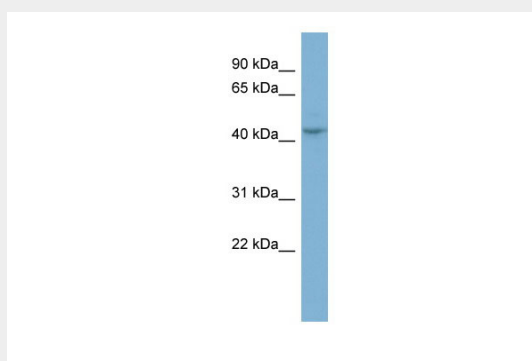
Mainly detected in blood plasma. Abundant in placenta and kidney. Present at low level in muscles, liver and skin fibroblasts. Not detected in brain or white blood cells (at protein level).

PGCP 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](#)

PGCP antibody - N-terminal region - Images



WB Suggested Anti-PGCP Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: NCI-H226 cell lysate

PGCP antibody - N-terminal region - References

Barinka, C., (2004) Eur. J. Biochem. 271(13), 2782-2790 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.