

PCYT1B Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP2850b**Specification**

PCYT1B Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y5K3](#)**PCYT1B Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 9468**Other Names**

Choline-phosphate cytidylyltransferase B, CCT-beta, CTP:phosphocholine cytidylyltransferase B, CCT B, CT B, Phosphorylcholine transferase B, PCYT1B, CCTB

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2850b](/products/AP2850b) was selected from the C-term region of human PCYT1B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PCYT1B Antibody (C-term) Blocking Peptide - Protein Information**Name** PCYT1B**Synonyms** CCTB**Function**

[Isoform 1]: Catalyzes the key rate-limiting step in the CDP- choline pathway for phosphatidylcholine biosynthesis.

Cellular Location

[Isoform 1]: Cytoplasm. Endoplasmic reticulum

Tissue Location

[Isoform 1]: Highly expressed in testis, placenta, brain, ovary, liver and fetal lung.

PCYT1B Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PCYT1B Antibody (C-term) Blocking Peptide - Images**PCYT1B Antibody (C-term) Blocking Peptide - Background**

PCYT1B controls phosphatidylcholine synthesis.

PCYT1B Antibody (C-term) Blocking Peptide - References

Ballif,B.A., Mol. Cell Proteomics 3 (11), 1093-1101 (2004)Lykidis,A., J. Biol. Chem. 274 (38), 26992-27001 (1999)Lykidis,A., J. Biol. Chem. 273 (22), 14022-14029 (1998)