

**CEPT1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10372a****Specification**

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**CEPT1 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O9Y6K0](#)  
Other Accession [NP\\_001007795.1](#), [NP\\_006081.1](#)

**CEPT1 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 10390

**Other Names**

Choline/ethanolaminephosphotransferase 1, hCEPT1, CEPT1

**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.

**CEPT1 Antibody (N-term) Blocking peptide - Protein Information**

**Name** CEPT1 ([HGNC:24289](#))

**Function**

Catalyzes both phosphatidylcholine and phosphatidylethanolamine biosynthesis from CDP-choline and CDP- ethanolamine, respectively. Involved in protein-dependent process of phospholipid transport to distribute phosphatidyl choline to the luminal surface. Has a higher cholinephosphotransferase activity than ethanolaminephosphotransferase activity.

**Cellular Location**

Endoplasmic reticulum membrane; Multi-pass membrane protein. Nucleus membrane; Multi-pass membrane protein

**Tissue Location**

Ubiquitously expressed.

**CEPT1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CEPT1 Antibody (N-term) Blocking peptide - Images**

#### **CEPT1 Antibody (N-term) Blocking peptide - Background**

Cholinephosphotransferase catalyses the final step in the synthesis of phosphatidylcholine by the transfer of phosphocholine from CDP-choline to diacylglycerol. The synthesis of phosphatidylethanolamine by ethanolaminephosphotransferase occurs using an analogous reaction. This gene codes for a choline/ethanolaminephosphotransferase. The protein can synthesize either choline- or ethanolamine- containing phospholipids. Two alternatively spliced transcripts encoding the same isoform have been identified.

#### **CEPT1 Antibody (N-term) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Lamesch, P., et al. Genomics 89(3):307-315(2007) ; Wright, M.M., et al. Lipids 37(7):663-672(2002) ; Henneberry, A.L., et al. Biochem. J. 339 (PT 2), 291-298 (1999) ;