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CEPT1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP10372a

Specification

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

Primary Accession	Q9Y6K0
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 lumenal 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 thesynthesis of phosphatidylcholine by the transfer of phosphocholinefrom CDP-choline to diacylglycerol. The synthesis ofphosphatidylethanolamine by ethanolaminephosphotransferase occursusing an analogous reaction. This gene codes for acholine/ethanolaminephosphotransferase. The protein can synthesizeeither choline- or ethanolamine- containing phospholipids. Twoalternatively spliced transcripts encoding the same isoform havebeen 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) :