

SEPP1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16986c

Specification

SEPP1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P49908](#)

SEPP1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6414

Other Names

Selenoprotein P, SeP, SEPP1, SELP

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.

SEPP1 Antibody (Center) Blocking Peptide - Protein Information

Name SELENOP {ECO:0000303|PubMed:27645994, ECO:0000312|HGNC:HGNC:10751}

Function

Might be responsible for some of the extracellular antioxidant defense properties of selenium or might be involved in the transport of selenium. May supply selenium to tissues such as brain and testis.

Cellular Location

Secreted. Note=Passes from plasma into the glomerular filtrate where it is removed by endocytosis mediated by LRP2 in the proximal tubule epithelium.
{ECO:0000250|UniProtKB:P70274}

Tissue Location

Made in the liver and heart and secreted into the plasma. It is also found in the kidney

SEPP1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SEPP1 Antibody (Center) Blocking Peptide - Images

SEPP1 Antibody (Center) Blocking Peptide - Background

This gene encodes a selenoprotein containing multiple selenocysteine (Sec) residues, which are encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the SECIS sequence (SECIS), which is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This selenoprotein is an extracellular glycoprotein, and is unusual in that it contains 10 Sec residues per polypeptide. It is a heparin-binding protein that appears to be associated with endothelial cells, and has been implicated to function as an antioxidant in the extracellular space. Several transcript variants, encoding either the same or different isoform, have been found for this gene.

SEPP1 Antibody (Center) Blocking Peptide - References

Sun, W., et al. Br. J. Nutr. 104(9):1283-1287(2010) Roman, M., et al. Transl Res 156(4):242-250(2010) Meplan, C., et al. Carcinogenesis 31(6):1074-1079(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Takemoto, A.S., et al. Ethn Dis 20 (1 SUPPL 1), S1-S925 (2010) :