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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 multipleselenocysteine (Sec) residues, which are encoded by the UGA codonthat normally signals translation termination. The 3' UTR ofselenoprotein genes have a common stem-loop structure, the secinsertion sequence (SECIS), which is necessary for the recognitionof UGA as a Sec codon rather than as a stop signal. Thisselenoprotein is an extracellular glycoprotein, and is unusual inthat it contains 10 Sec residues per polypeptide. It is aheparin-binding protein that appears to be associated withendothelial cells, and has been implicated to function as anantioxidant in the extracellular space. Several transcriptvariants, encoding either the same or different isoform, have beenfound 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) :