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PLSCR2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5818c

Specification

PLSCR2 Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q9NRY7
Other Accession	NP_065092.1

PLSCR2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 57047

Other Names
Phospholipid scramblase 2, PL scramblase 2, Ca(2+)-dependent phospholipid scramblase 2, PLSCR2

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.

PLSCR2 Antibody (Center) Blocking peptide - Protein Information

Name PLSCR2 (HGNC:16494)

Function
May catalyze calcium-induced ATP-independent rapid bidirectional and non-specific movement of phospholipids (lipid scrambling or lipid flip-flop) between the inner and outer leaflet of the plasma membrane.

Cellular Location
Membrane {ECO:0000250|UniProtKB:O15162}; Single- pass type II membrane protein {ECO:0000250|UniProtKB:O15162}

Tissue Location
Expression of isoform 1 seems restricted to testis.

PLSCR2 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

PLSCR2 Antibody (Center) Blocking peptide - Images

PLSCR2 Antibody (Center) Blocking peptide - Background

PLSCR2 may mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions that results in a loss of phospholipid asymmetry in the plasma membrane. May play a central role in the initiation of fibrin clot formation, in the activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system.

PLSCR2 Antibody (Center) Blocking peptide - References

Sahu, S.K., et al. Biochim. Biophys. Acta 1790(10):1274-1281(2009)Yu, A., et al. J. Biol. Chem. 278(11):9706-9714(2003)Wiedmer, T., et al. Biochim. Biophys. Acta 1467(1):244-253(2000)