PRELP Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6665c

Specification

PRELP Antibody (Center) Blocking Peptide - Product Information

Primary Accession   [P51888](P51888)

PRELP Antibody (Center) Blocking Peptide - Additional Information

Gene ID 5549

Other Names
Prolargin, Proline-arginine-rich end leucine-rich repeat protein, PRELP, SLRR2A

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.

PRELP Antibody (Center) Blocking Peptide - Protein Information

Name PRELP

Synonyms SLRR2A

Function
May anchor basement membranes to the underlying connective tissue.

Cellular Location
Secreted, extracellular space, extracellular matrix

Tissue Location
Connective tissue.

PRELP Antibody (Center) Blocking Peptide - Protocols

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

• Blocking Peptides

PRELP Antibody (Center) Blocking Peptide - Images

PRELP Antibody (Center) Blocking Peptide - Background

PRELP is a leucine-rich repeat protein present in connective tissue extracellular matrix. This protein functions as a molecule anchoring basement membranes to the underlying connective tissue. This protein has been shown to bind type I collagen to basement membranes and type II collagen to cartilage. It also binds the basement membrane heparan sulfate proteoglycan perlecan. This protein is suggested to be involved in the pathogenesis of Hutchinson-Gilford progeria (HGP), which is reported to lack the binding of collagen in basement membranes and cartilage.

PRELP Antibody (Center) Blocking Peptide - References

Ehret, G.B., et al. Eur. J. Hum. Genet. 17(12):1650-1657(2009)Grover, J., et al. Matrix Biol. 26(2):140-143(2007)Johnson, J.M., et al. Mol. Vis. 12, 1057-1066 (2006)