

# PRELP Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP6665c

## **Specification**

# PRELP Antibody (Center) Blocking Peptide - Product Information

Primary Accession

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)