10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PLRG1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16789a

Specification

PLRG1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O43660

PLRG1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 5356

Other Names
Pleiotropic regulator 1, PLRG1

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.

PLRG1 Antibody (N-term) Blocking Peptide - Protein Information

Name PLRG1

Function
Involved in pre-mRNA splicing as component of the spliceosome (PubMed:28502770, PubMed:28076346). Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing (PubMed:11101529, PubMed:11544257). As a component of the minor spliceosome, involved in the splicing of U12- type introns in pre-mRNAs (Probable).

Cellular Location
Nucleus. Nucleus speckle

PLRG1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PLRG1 Antibody (N-term) Blocking Peptide - Images

PLRG1 Antibody (N-term) Blocking Peptide - Background

PLRG1 is necessary for spliceosome assembly and for pre-mRNA splicing.

PLRG1 Antibody (N-term) Blocking Peptide - References

Lleres, D., et al. EMBO Rep. 11(6):445-451(2010)Dehghan, A., et al. Circ Cardiovasc Genet 2(2):125-133(2009)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Andersen, J.S., et al. Nature 433(7021):77-83(2005)Ajuh, P., et al. Nucleic Acids Res. 31(21):6104-6116(2003)