

PLRG1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16789a**Specification**

PLRG1 Antibody (N-term) Blocking Peptide - Product InformationPrimary 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](http://www.uniprot.org/citations/28502770), PubMed: [28076346](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/11101529), PubMed: [11544257](http://www.uniprot.org/citations/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)