

PLRG1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16789a

Specification

PLRG1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O43660
Other Accession	O9WUC8 , O922V4 , O2KID6 , NP_002660.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57194
Antigen Region	17-45

PLRG1 Antibody (N-term) - Additional Information

Gene ID 5356

Other Names

Pleiotropic regulator 1, PLRG1

Target/Specificity

This PLRG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human PLRG1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PLRG1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PLRG1 Antibody (N-term) - Protein Information

Name PLRG1

Function Involved in pre-mRNA splicing as component of the spliceosome (PubMed:[28076346](#),

PubMed:[28502770](#)). 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

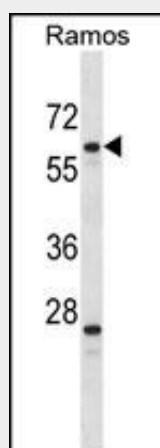
Nucleus. Nucleus speckle

PLRG1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PLRG1 Antibody (N-term) - Images



PLRG1 Antibody (N-term) (Cat. #AP16789a) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the PLRG1 antibody detected the PLRG1 protein (arrow).

PLRG1 Antibody (N-term) - Background

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

PLRG1 Antibody (N-term) - 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)