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Goat Anti-PLRG1 Antibody

Peptide-affinity purified goat antibody

Catalog # AF1841a

Specification

Goat Anti-PLRG1 Antibody - Product Information

Application	**WB**
Primary Accession	O43660
Other Accession	NP_002660, 5356, 60376 (rat)
Reactivity	**Mouse**
Predicted	**Human, Rat, Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**57194**

Goat Anti-PLRG1 Antibody - Additional Information

Gene ID 5356

Other Names
Pleiotropic regulator 1, PLRG1

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-PLRG1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-PLRG1 Antibody - 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:<a href="http://www.uniprot.org/citations/11544257"

target="_blank">11544257). As a component of the minor spliceosome, involved in the splicing of U12- type introns in pre-mRNAs (Probable).

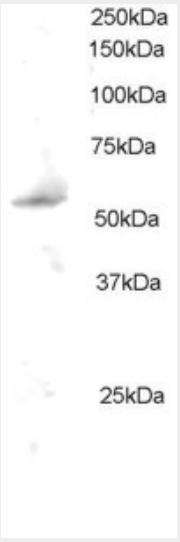
Cellular Location
Nucleus. Nucleus speckle

Goat Anti-PLRG1 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-PLRG1 Antibody - Images



AF1841a staining (0.5 µg/ml) of Mouse Kidney extract (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Goat Anti-PLRG1 Antibody - References

Direct interaction between hnRNP-M and CDC5L/PLRG1 proteins affects alternative splice site choice. Ll□res D, et al. EMBO Rep, 2010 Jun. PMID 20467437.
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Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.
Nucleolar proteome dynamics. Andersen JS, et al. Nature, 2005 Jan 6. PMID 15635413.