

# Product Datasheet

## PLRG1 Antibody NBP1-06556

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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**NBP1-06556**

## PLRG1 Antibody

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA
<b>Target Molecular Weight</b>	57 kDa

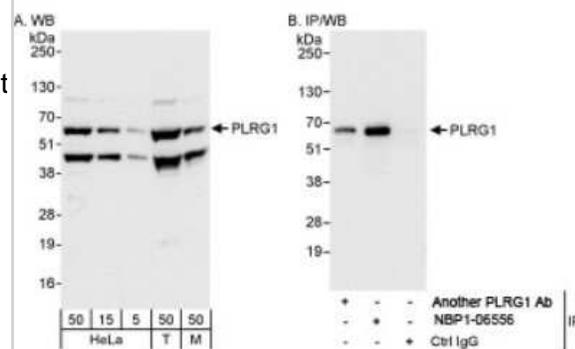
Product Description	
<b>Description</b>	Novus Biologicals Rabbit PLRG1 Antibody (NBP1-06556) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-PLRG1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5356
<b>Gene Symbol</b>	PLRG1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 464 and 514 of human pleiotropic regulator 1 using the numbering given in entry NP_002660.1 (GeneID 5356).

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:200 - 1:1000
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

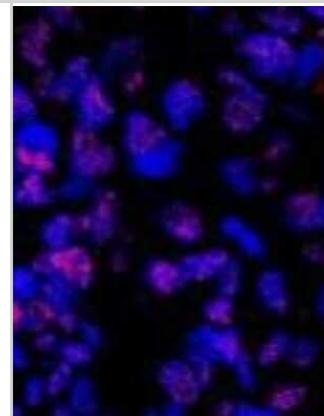


## Images

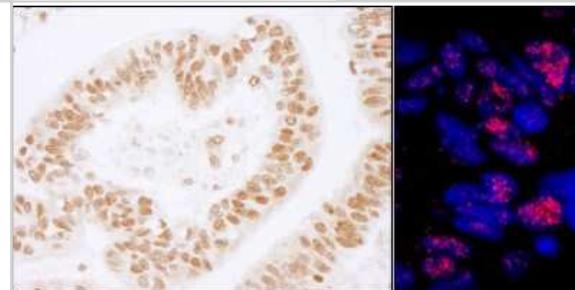
Western Blot: PLRG1 Antibody [NBP1-06556] - Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 ug), and mouse NIH3T3 (M; 50 ug) cells. NBP1-06556 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate.



Immunocytochemistry/Immunofluorescence: PLRG1 Antibody [NBP1-06556] - human breast carcinoma. Antibody dilution of 1:100.



Immunohistochemistry: PLRG1 Antibody [NBP1-06556] - Sections of human prostate carcinoma (left) and breast carcinoma (right). Antibody: Affinity purified rabbit anti- PLRG1 used at a dilution of 1:200 (1ug/ml). Detection: DAB and Redfluorescent goat anti-rabbit IgG-heavy and light chain, cross-adsorbed Antibody DyLight® 594 Conjugated used at a dilution of 1:100



## Publications

Nakashima M, Lazo JS. Phosphatase of regenerating liver-1 promotes cell migration and invasion and regulates filamentous actin dynamics. *J Pharmacol Exp Ther* 2010-08-01 [PMID: 20484558]

David CJ, Boyne AR, Millhouse SR et al. The RNA polymerase II C-terminal domain promotes splicing activation through recruitment of a U2AF65-Prp19 complex. *Genes Dev* 2011-05-01 [PMID: 21536736]



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### **Products Related to NBP1-06556**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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