

# Product Datasheet

## PDLIM4 Antibody NB100-1382

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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



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**NB100-1382**

## PDLIM4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat PDLIM4 Antibody (NB100-1382) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-PDLIM4 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8572
Gene Symbol	PDLIM4
Species	Human
Immunogen	Peptide with sequence C-DVVAVYPNAKVELV corresponding to C-Terminus according to NP_003678.2.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1.0 -3.0 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	Western blot: Approx 37kDa band observed in lysates of cell line A431 (calculated MW of 35.4kDa according to NP_003678.2). Recommended concentration: 1-3ug/ml. Primary incubation 1 hour at room temperature.

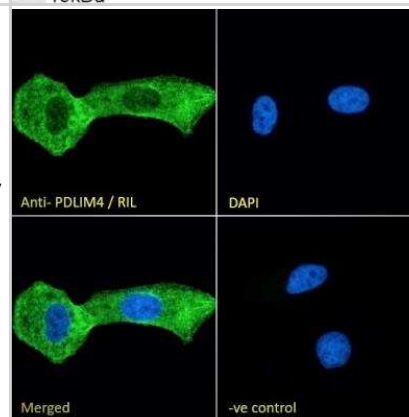


## Images

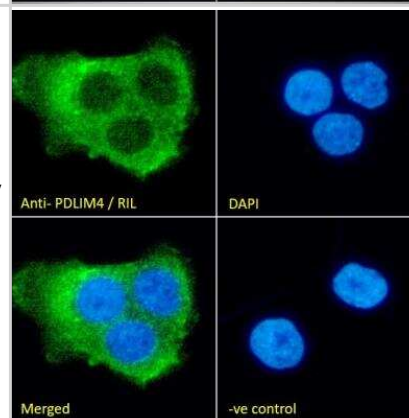
Western Blot: PDLIM4 Antibody [NB100-1382] - (1ug/ml) staining of A431 cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunocytochemistry/Immunofluorescence: PDLIM4 Antibody [NB100-1382] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunocytochemistry/Immunofluorescence: PDLIM4 Antibody [NB100-1382] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



## Publications

Monlau F, Sambusiti C, Barakat A. Comparison of Dry Versus Wet Milling to Improve Bioethanol or Methane Recovery from Solid Anaerobic Digestate Bioengineering 2019-09-06 [PMID: 31500163]

Perumpail BJ, Li AA, Iqbal U et al. Potential Therapeutic Benefits of Herbs and Supplements in Patients with NAFLD Diseases 2018-09-10 [PMID: 30201879]

Bashirova AA, Markelov ML, Shlykova TV et al. The human RIL gene: mapping to human chromosome 5q31.1, genomic organization and alternative transcripts. Gene 1998-04-14 [PMID: 9573374]



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### Products Related to NB100-1382

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NBL1-15040	Rab13 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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