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## Datasheet for ABIN2856341 anti-PDLIM4 antibody (C-Term)

2 Images



## Overview

Quantity:	100 µL
Target:	PDLIM4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDLIM4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

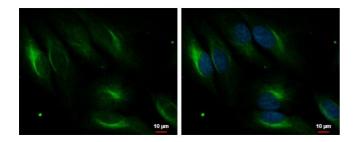
## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human PDLIM4. The exact sequence is proprietary.
lsotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to PDLIM4 (PDZ and LIM domain 4) PDLIM4 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	PDLIM4

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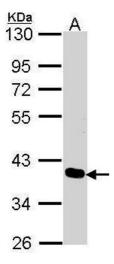
Target Details		
Alternative Name:	PDZ and LIM domain 4 (PDLIM4 Products)	
Background:	This gene encodes a protein which may be involved in bone development. Mutations in this gene are associated with susceptibility to osteoporosis.	
Molecular Weight:	35 kDa	
Gene ID:	8572	
UniProt:	P50479	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: A431	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	1XPBS ( pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	

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### Immunofluorescence

**Image 1.** ICC/IF Image PDLIM4 antibody [C2C3], C-term detects PDLIM4 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PDLIM4 protein stained by PDLIM4 antibody [C2C3], C-term , diluted at 1:1000. Blue: Hoechst 33342 staining. Scale bar = 10 µm.



#### Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: A431, 10% SDS PAGE antibody diluted at 1:1000

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