

Product Datasheet

PDLIM5 Antibody - BSA Free NBP1-84843

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-84843

PDLIM5 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

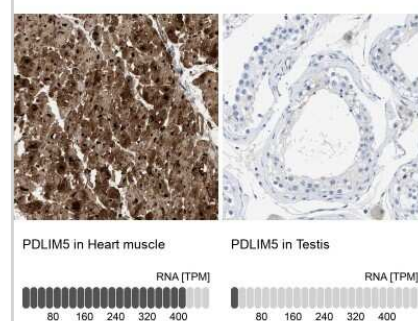
Host	Rabbit
Gene ID	10611
Gene Symbol	PDLIM5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (84%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PFGSVSSPKVTSIPSPSSAFTPAHATTSSHASPSVAAVTPPLFAASGLHANAN LSADQSPSALSAGKTAVNVPRQPTVTVCSETSQELAEGQRRGSQGDSKQQN GPPRKHIVERYTEFYHVPTHSDASKK

Product Application Details

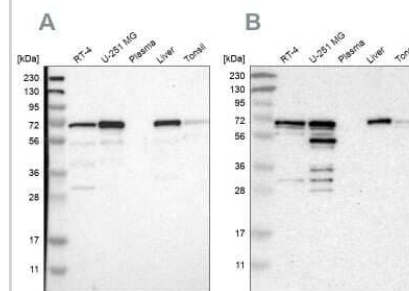
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

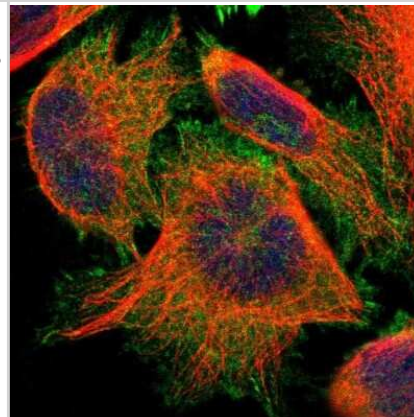
Immunohistochemistry-Paraffin: PDLIM5 Antibody [NBP1-84843] - Staining in human heart muscle and testis tissues.. Corresponding PDLIM5 RNA-seq data are presented for the same tissues.



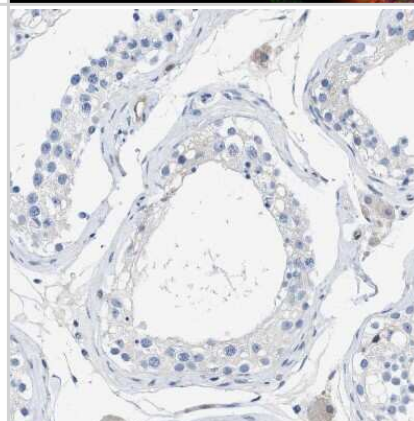
Western Blot: PDLIM5 Antibody [NBP1-84843] - Analysis using Anti-PDLIM5 antibody NBP1-84843 (A) shows similar pattern to independent antibody NBP1-84842 (B).



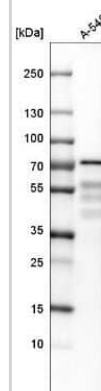
Immunocytochemistry/Immunofluorescence: PDLIM5 Antibody [NBP1-84843] - Immunofluorescent staining of human cell line U-251 MG shows localization to plasma membrane, cytosol & focal adhesion sites.



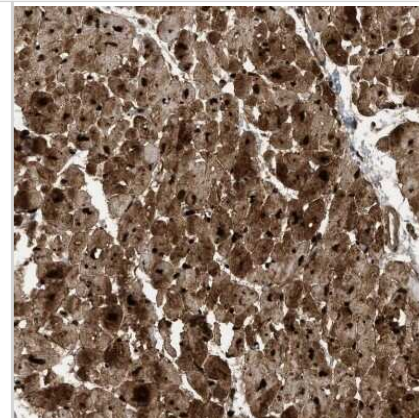
Immunohistochemistry-Paraffin: PDLIM5 Antibody [NBP1-84843] - Staining of human testis shows no positivity in cells in seminiferous ducts.



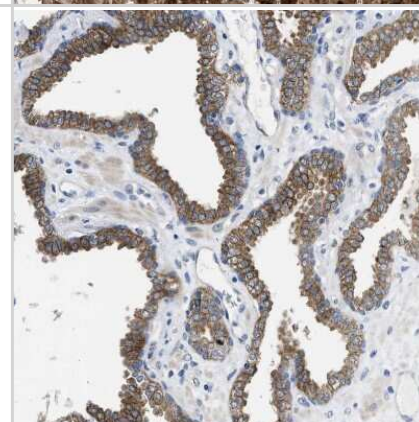
Western Blot: PDLIM5 Antibody [NBP1-84843] - Analysis in human cell line A-549.



Immunohistochemistry-Paraffin: PDLIM5 Antibody [NBP1-84843] - Staining of human heart muscle shows strong cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: PDLIM5 Antibody [NBP1-84843] - Staining of human prostate shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: PDLIM5 Antibody [NBP1-84843] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



Publications

Li A, Ponten F, dos Remedios CG. The interactome of LIM domain proteins: the contributions of LIM domain proteins to heart failure and heart development. Proteomics 2012-01-01 [PMID: 22253135]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-84843

NBP1-84843PEP	PDLIM5 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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