

Product Datasheet

LMO7 Antibody - BSA Free

NBP1-83915

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-83915

Updated 3/5/2026 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-83915



NBP1-83915

LMO7 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

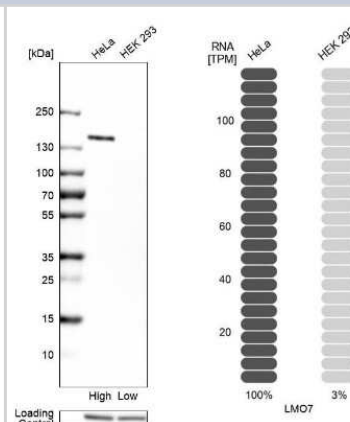
Host	Rabbit
Gene ID	4008
Gene Symbol	LMO7
Species	Human, Porcine
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (83%). Porcine reactivity reported from a verified customer review.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KIYGENGSKMSDVS AEDVQNLRQLRYEEMQKIKSQLKEQDQKWQDDLAKW KDRRSYTS DLQKKKEEREEIEKQALEKSKRSSKTFKEM LQDRESQNQKSTVP SRRRMYSFDDVLEEGKRPPTMTVSEASYQSERVEEKGATY

Product Application Details

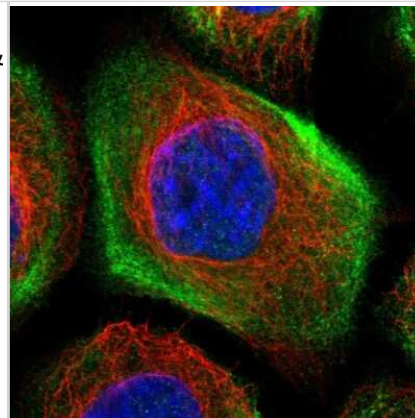
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

Western Blot: LMO7 Antibody [NBP1-83915] - Analysis in human cell lines HeLa and HEK293 using anti-LMO7 antibody. Corresponding LMO7 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



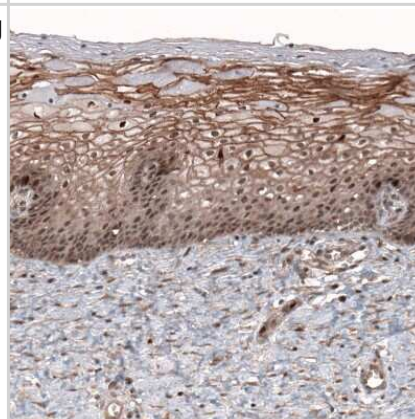
Immunocytochemistry/Immunofluorescence: LMO7 Antibody [NBP1-83915] - Staining of human cell line A-431 shows localization to cytosol & actin filaments. Antibody staining is shown in green.



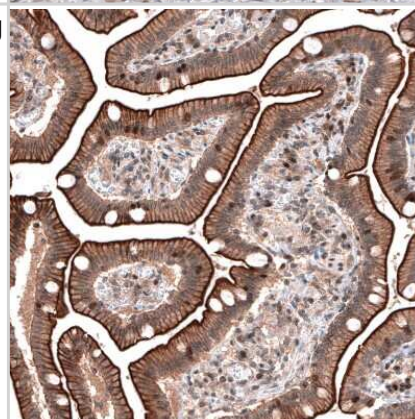
Immunohistochemistry: LMO7 Antibody [NBP1-83915] - LMO7 staining in Porcine Cardiac Tissue: No Primary Control, Isotype IgG Control, LMO7 1:500 dilution (Image 1 and 2). IHC images submitted by a verified customer review.



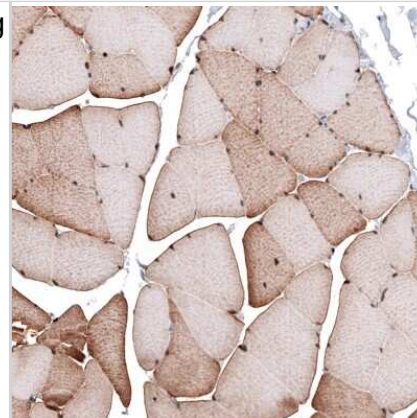
Immunohistochemistry-Paraffin: LMO7 Antibody [NBP1-83915] - Staining of human uterine cervix shows moderate nuclear and membranous positivity in squamous epithelial cells.



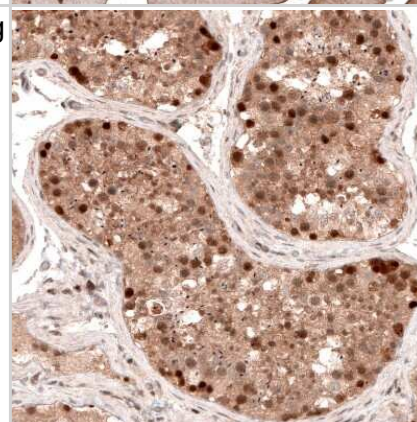
Immunohistochemistry-Paraffin: LMO7 Antibody [NBP1-83915] - Staining of human duodenum shows both membranous and nuclear positivity in glandular cells.



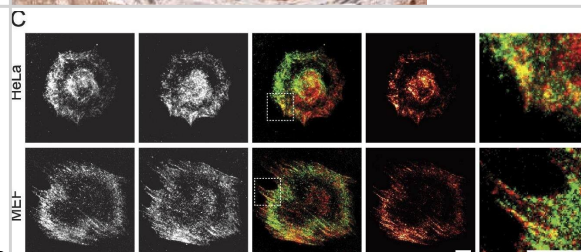
Immunohistochemistry-Paraffin: LMO7 Antibody [NBP1-83915] - Staining of human skeletal muscle shows moderate nuclear and cytoplasmic positivity in striated muscle fibers.



Immunohistochemistry-Paraffin: LMO7 Antibody [NBP1-83915] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



p130Cas associates with Lmo7 in HeLa cells and MEFs. (A) HeLa cells that transiently expressed Myc-tagged p130Cas were immunoprecipitated with Myc antibodies and immunoblotted for endogenous Lmo7. (B, C) HeLa cells or MEFs were plated on fibronectin-coated coverslips two hours, fixed and double-stained by indirect immunofluorescence for endogenous Lmo7 (green) and endogenous p130Cas (red), then imaged by epifluorescence (B) or TIRF microscopy (C). Scale bars, 10 μ m. Insets show each white-boxed region at higher magnification. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/24010014>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Wozniak MA, Baker BM, Chen CS, Wilson KL. The emerlin-binding transcription factor Lmo7 is regulated by association with p130Cas at focal adhesions. *PeerJ* 2013-01-01 [PMID: 24010014] (ICC/IF)

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 NBP1-83915

NBP1-83915PEP	LMO7 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-83915

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

