

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



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**NBP1-83915**

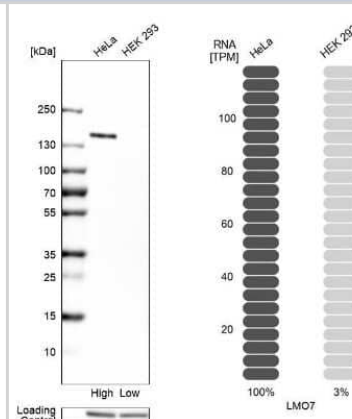
LMO7 Antibody - BSA Free

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit LMO7 Antibody - BSA Free (NBP1-83915) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-LMO7 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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%). Reactivity reported in scientific literature (PMID: 22253135). Porcine reactivity reported from a verified customer review.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KIYGENGSKMSDVS AEDVQNLRLRYEEMQKIKSQLKEQDQKWQDDLAKW KDRRKSYTSDLQKKKEEREEIEKQALEKSKRSSKTFKEMLQDRESQNKQSTVP 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	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

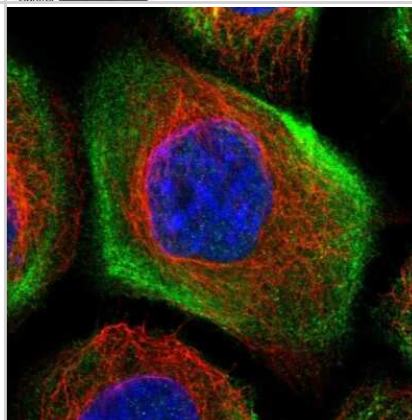


## Images

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.



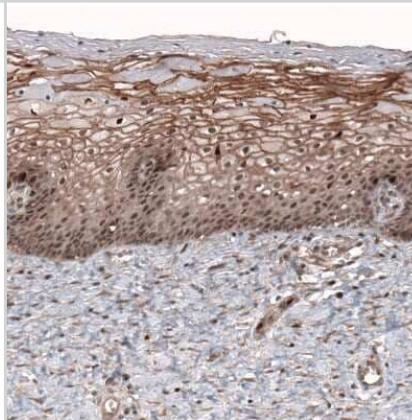
Immunocytochemistry/Immunofluorescence: LMO7 Antibody [NBP1-83915] - Staining of human cell line A-431 shows localization to cytosol & actin filaments. Antibody staining is shown in green.



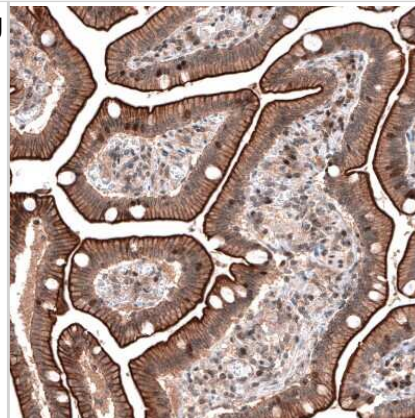
Immunohistochemistry: LMO7 Antibody [NBP1-83915] - LMO7 staining in Porcine Cardiac Tissue: No Primary Control, Isotype IgG Control, LMO7 1:500 dilution (Image 1 and 2). IHC images submitted by a verified customer review.



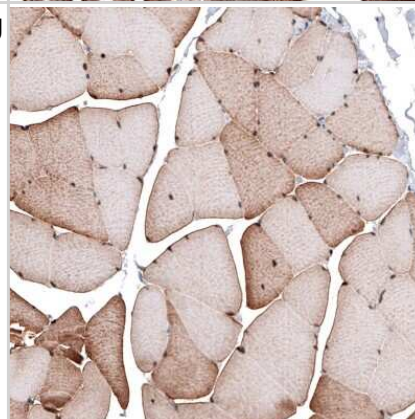
Immunohistochemistry-Paraffin: LMO7 Antibody [NBP1-83915] - Staining of human uterine cervix shows moderate nuclear and membranous positivity in squamous epithelial cells.



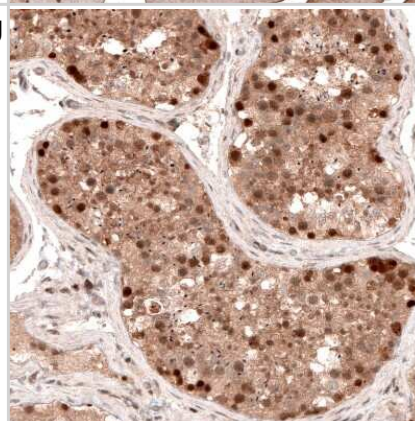
Immunohistochemistry-Paraffin: LMO7 Antibody [NBP1-83915] - Staining of human duodenum shows both membranous and nuclear positivity in glandular cells.



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.



## 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]



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### **Products Related to NBP1-83915**

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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

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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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