

# Product Datasheet

## LMO7 Antibody NB100-1360

Unit Size: 0.1 mg

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

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



[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB100-1360****LMO7 Antibody**

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

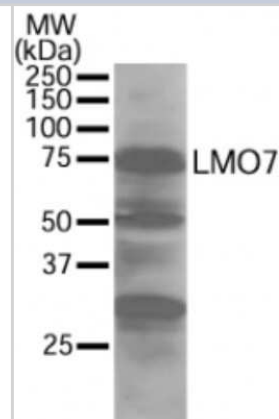
| <b>Product Description</b>     |                                                                                                                                                                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Goat LMO7 Antibody (NB100-1360) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-LMO7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.                      |
| <b>Host</b>                    | Goat                                                                                                                                                                                                                                                    |
| <b>Gene ID</b>                 | 4008                                                                                                                                                                                                                                                    |
| <b>Gene Symbol</b>             | LMO7                                                                                                                                                                                                                                                    |
| <b>Species</b>                 | Human, Mouse                                                                                                                                                                                                                                            |
| <b>Specificity/Sensitivity</b> | Please note that the amino acid sequence of the immunizing peptide differs one amino acid from the current NCBI accession numbers (NP_005349.3, NP_056667.2). This antibody is expected to recognise both reported isoforms (NP_005349.3; NP_056667.2). |
| <b>Immunogen</b>               | Peptide with sequence ESTCVSASLPRS corresponding to internal region according to AAD33924.1.                                                                                                                                                            |

| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Peptide ELISA                                                                                                                                                                                                                                                                                      |
| <b>Recommended Dilutions</b>       | Western Blot 0.5 - 2 ug/mL, Immunohistochemistry, Immunohistochemistry-Frozen, Peptide ELISA Detection limit 1:32000                                                                                                                                                                                                                                                |
| <b>Application Notes</b>           | WB: Approx. 70-75 kDa band and approx. 30 kDa band observed in human lung lysates (predicted MW of 92 kDa band according to AAD33924.1) and is in agreement with scientific literature (Putilina et al). A minor band of unknown identity was also consistently observed at approx. 50 kDa. LMO7 antibody validated for IHC-Frozen from a verified customer review. |

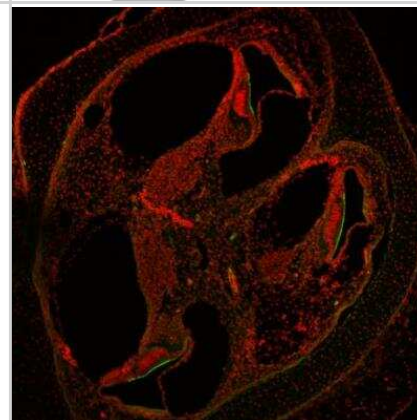


## Images

Western Blot: LMO7 Antibody [NB100-1360] - Staining of human lung lysate (RIPA buffer, 30 ug total protein). Antibody at 1 ug/mL. Detected by chemiluminescence.



Immunohistochemistry-Frozen: LMO7 Antibody [NB100-1360] - LMO7 antibody stained hair cells in cochlea cross-sections of mouse CD1 P1. Alexa Fluor 488 used as secondary antibody to LMO7 for visualization. Image submitted by a verified customer review.



## Publications

Putilina T, Jaworski C, Gentleman S et al. Analysis of a human cDNA containing a tissue-specific alternatively spliced LIM domain. *Biochem Biophys Res Commun* 1998-11-18 [PMID: 9826547]



### 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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### Products Related to NB100-1360

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| 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                                               |
| H00004008-Q01-10ug | Recombinant Human LMO7 GST (N-Term) Protein                            |

### 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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