

Product Datasheet

Myotubularin Antibody NB300-949

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-949

Updated 9/9/2025 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/NB300-949



NB300-949

Myotubularin Antibody

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

Product Description	
Description	Novus Biologicals Goat Myotubularin Antibody (NB300-949) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Myotubularin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4534
Gene Symbol	MTM1
Species	Human, Mouse
Immunogen	Peptide with sequence C-SSPSQMMPHVQTHF corresponding to C-Terminus according to NP_000243.1.

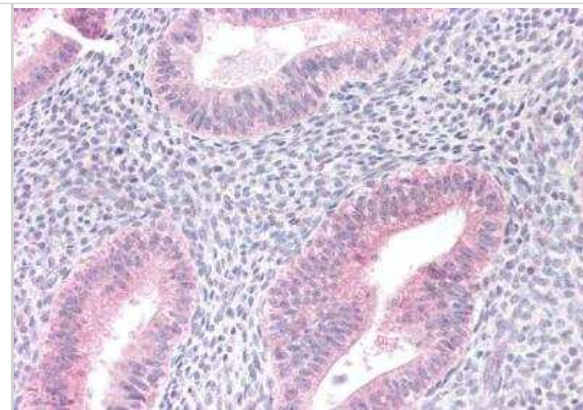
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunohistochemistry 10 ug/mL, Immunohistochemistry-Paraffin 10 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 70 kDa band observed in lysates of human skeletal muscle, mouse heart and skeletal muscle and HepG2 (calculated MW of 69.9 kDa band according to NP_000243.1 and 69.6 kDa band according to mouse NP_001157662.1).

Images

Western Blot: Myotubularin Antibody [NB300-949] - Staining of Mouse Skeletal Muscle lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

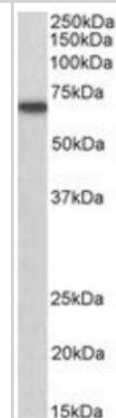
Immunohistochemistry-Paraffin: Myotubularin Antibody [NB300-949] - Staining of paraffin embedded Human Uterus. Antibody at 10 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Myotubularin Antibody [NB300-949] - Staining (0.3ug/ml) of Human Skeletal Muscle lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Detected by chemiluminescence.



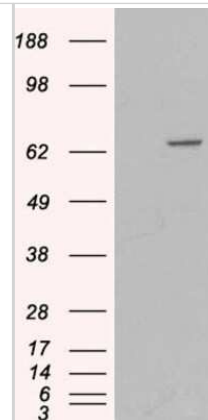
Western Blot: Myotubularin Antibody [NB300-949] - Staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



Western Blot: Myotubularin Antibody [NB300-949] - Staining of Mouse Heart (A) and Skeletal Muscle (B) lysates (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



Western Blot: Myotubularin Antibody [NB300-949] - HEK293 overexpressing MTM1 and probed with (mock transfection in first lane).



Publications

Laporte J, Hu LJ, Kretz C et al. A gene mutated in X-linked myotubular myopathy defines a new putative tyrosine phosphatase family conserved in yeast. *Nat Genet* 1996-06-01 [PMID: 8640223]



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 NB300-949

NBL1-13369	Myotubularin Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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/NB300-949

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



