

Product Datasheet

Myotubularin Antibody - BSA Free NBP1-86113

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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NBP1-86113

Myotubularin 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

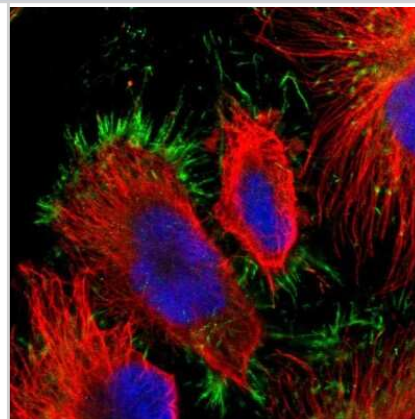
Host	Rabbit
Gene ID	4534
Gene Symbol	MTM1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (84%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KFNVDGWTVYNPVEEYRRQGLPNHHWRITFINKCYELCDTYPALLVVPYRASD DDLRRVATFRSRNRPVLSWIHPENKTVIVRCSQPLVGMSGKRNKDDEKYLDVI RETNKQISKLTIDARPSVNAVANK

Product Application Details

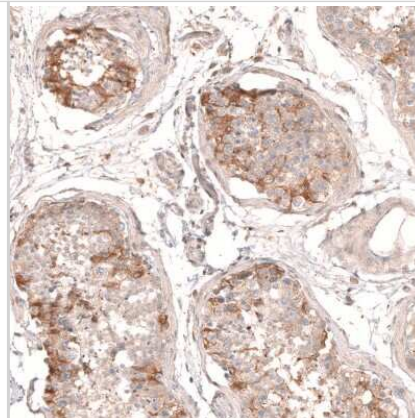
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

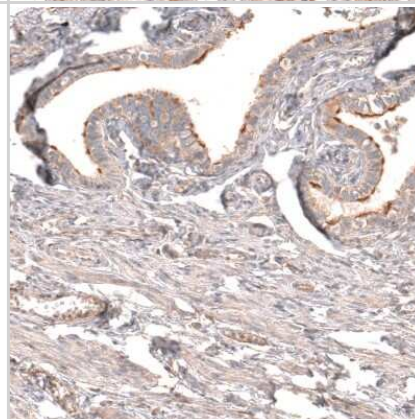
Immunocytochemistry/Immunofluorescence: Myotubularin Antibody [NBP1-86113] - Staining of human cell line U-251 MG shows localization to plasma membrane.



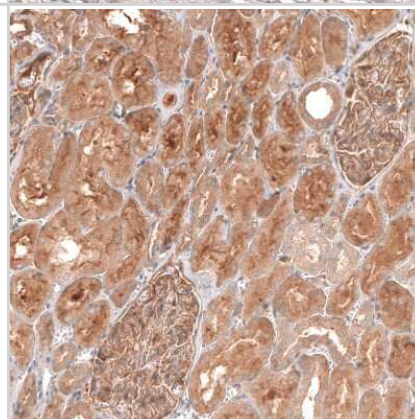
Immunohistochemistry-Paraffin: Myotubularin Antibody [NBP1-86113] - Staining of human testis shows moderate to strong cytoplasmic positivity in subsets of cells in seminiferous ducts.



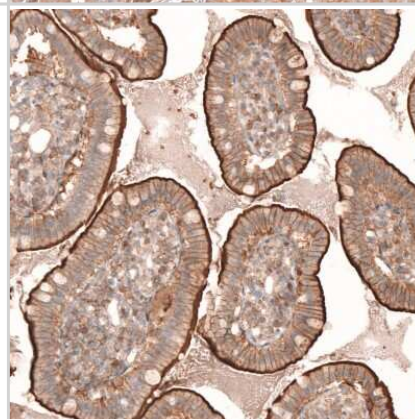
Immunohistochemistry-Paraffin: Myotubularin Antibody [NBP1-86113] - Staining of human fallopian tube shows moderate to strong membranous positivity in subsets of glandular cells.



Immunohistochemistry-Paraffin: Myotubularin Antibody [NBP1-86113] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Myotubularin Antibody [NBP1-86113] - Staining of human small intestine shows moderate to strong membranous positivity in glandular cells.



Publications

Agrawal PB, Pierson CR, Joshi M et al. SPEG Interacts with Myotubularin, and Its Deficiency Causes Centronuclear Myopathy with Dilated Cardiomyopathy. Am J Hum Genet 2014-08-07 [PMID: 25087613] (ICC/IF, Human)

Gupta VA, Hnia K, Smith LL et al. Loss of Catalytically Inactive Lipid Phosphatase Myotubularin-related Protein 12 Impairs Myotubularin Stability and Promotes Centronuclear Myopathy in Zebrafish. PLoS Genet 2013-06-01 [PMID: 23818870]





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Products Related to NBP1-86113

NBP1-86113PEP	Myotubularin 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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