

Product Datasheet

Myozenin 1 Antibody - BSA Free NBP1-85439

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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NBP1-85439

Myozenin 1 Antibody - BSA Free

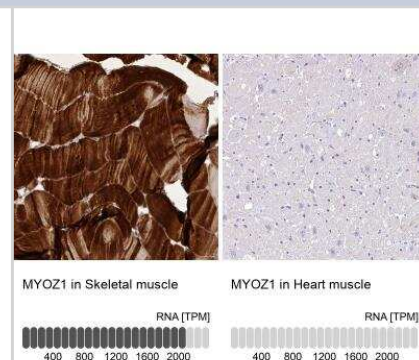
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	58529
Gene Symbol	MYOZ1
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (81%). Use in Mouse reported in scientific literature (PMID:28369518).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QHHLGSGSGAGGTGGPAGQAGRGAAGTAGVGETGSGDQAGGEGKHITVF KTYISPWERAMGVDPQQKMELGIDLLA

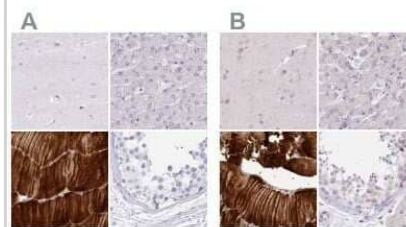
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID:28369518) , Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

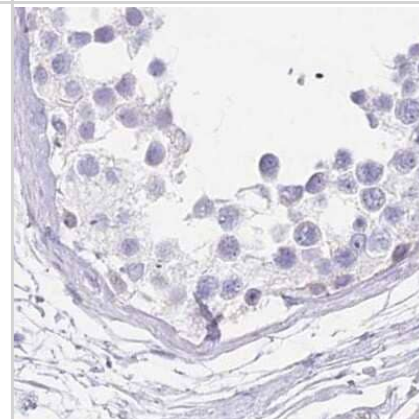
Immunohistochemistry-Paraffin: Myozenin 1 Antibody [NBP1-85439] - Staining in human skeletal muscle and heart muscle tissues using anti-MYOZ1 antibody. Corresponding MYOZ1 RNA-seq data are presented for the same tissues.



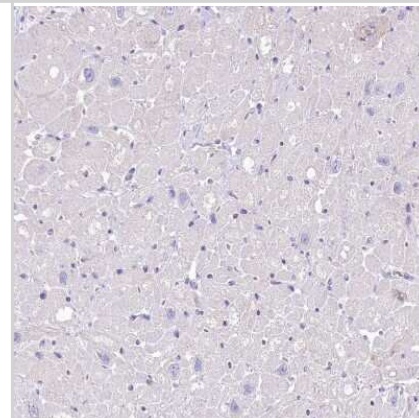
Immunohistochemistry-Paraffin: Myozenin 1 Antibody [NBP1-85439] - Staining of human cerebral cortex, liver, skeletal muscle and testis using Anti-MYOZ1 antibody NBP1-85439 (A) shows similar protein distribution across tissues to independent antibody NBP2-38412 (B).



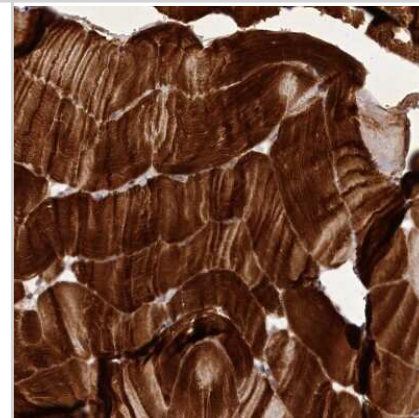
Immunohistochemistry-Paraffin: Myozenin 1 Antibody [NBP1-85439] - Staining of human testis.



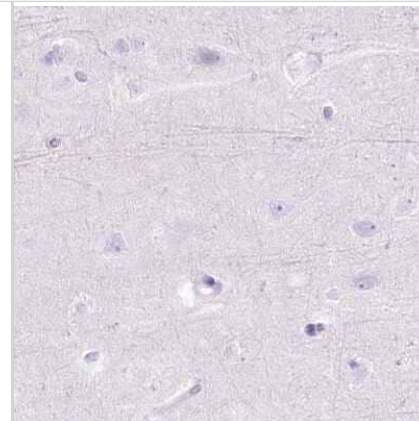
Immunohistochemistry-Paraffin: Myozenin 1 Antibody [NBP1-85439] - Staining of human heart muscle shows low expression as expected.



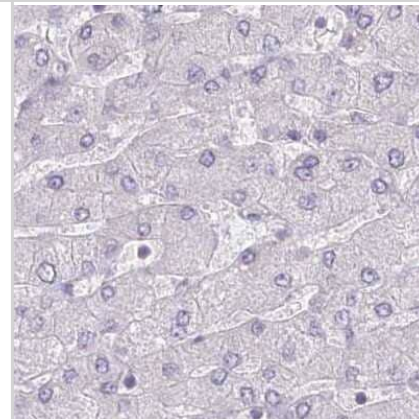
Immunohistochemistry-Paraffin: Myozenin 1 Antibody [NBP1-85439] - Staining of human skeletal muscle shows high expression.



Immunohistochemistry-Paraffin: Myozenin 1 Antibody [NBP1-85439] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: Myozenin 1 Antibody [NBP1-85439] - Staining of human liver.



Publications

Ravel-Chapuis A, Belanger G et al. Misregulation of calcium-handling proteins promotes hyperactivation of calcineurin-NFAT signaling in skeletal muscle of DM1 mice. Hum Mol Genet 2017-06-15 [PMID: 28369518] (WB, Mouse)



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Products Related to NBP1-85439

NBP1-85439PEP	Myozenin 1 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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