

Product Datasheet

Myosin heavy chain 11 Antibody - BSA Free NBP1-87025

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



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Publications: 1

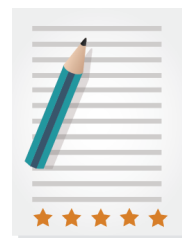
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NBP1-87025

Myosin heavy chain 11 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

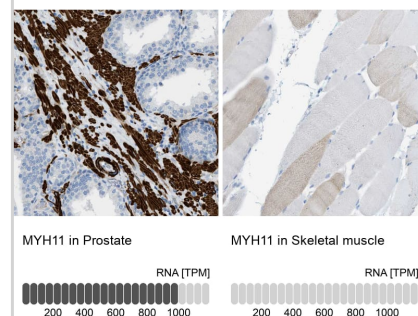
Description	Novus Biologicals Rabbit Myosin heavy chain 11 Antibody - BSA Free (NBP1-87025) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4629
Gene Symbol	MYH11
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VTVLKKALDEETRSHEAQVQEMRQKHAQAVEELTEQLEQFKRAKANLSDKNKQ TLEKENADLAGELRVLGQAKQEVEHKKKKLEAQVQELQSKCSDGE

Product Application Details

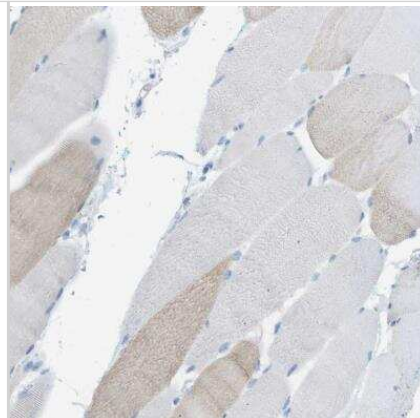
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

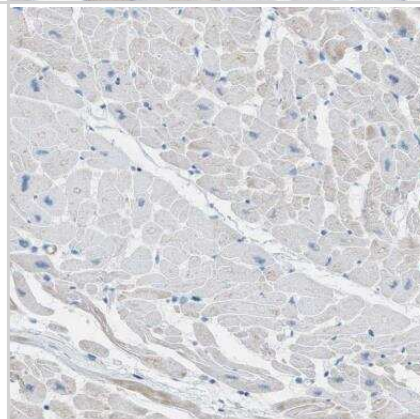
Analysis in human prostate and skeletal muscle tissues Corresponding MYH11 RNA-seq data are presented for the same tissues.



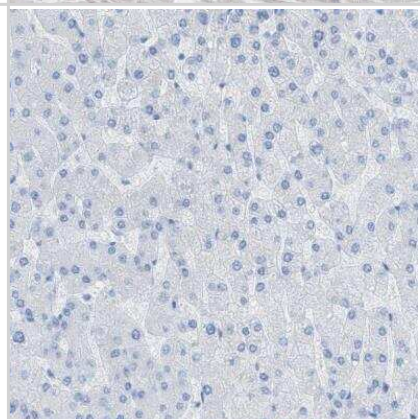
Immunohistochemistry-Paraffin: Myosin heavy chain 11 Antibody [NBP1-87025] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



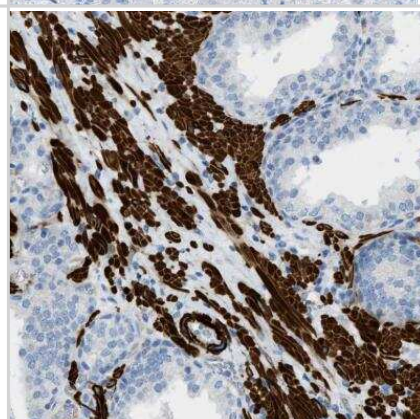
Immunohistochemistry-Paraffin: Myosin heavy chain 11 Antibody [NBP1-87025] - Staining of human heart muscle shows no positivity in cardiomyocytes as expected.



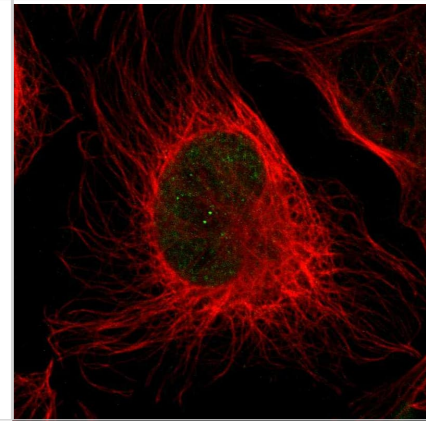
Immunohistochemistry-Paraffin: Myosin heavy chain 11 Antibody [NBP1-87025] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Myosin heavy chain 11 Antibody [NBP1-87025] - Staining of human prostate shows very strong cytoplasmic positivity in smooth muscle cells.



Staining of human cell line U-2 OS shows positivity in nucleus.



Publications

Xuan W, Cheng F, Han X et al. Phenotypic Switching of Vascular Smooth Muscle Cells in Duchenne Muscular Dystrophy bioRxiv 2023-06-25 (IHC, ICC/IF, Mouse, Human)





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Products Related to NBP1-87025

NBP1-87025PEP	Myosin heavy chain 11 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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