

Product Datasheet

MYL4 Antibody - BSA Free NBP2-30954

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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NBP2-30954

MYL4 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

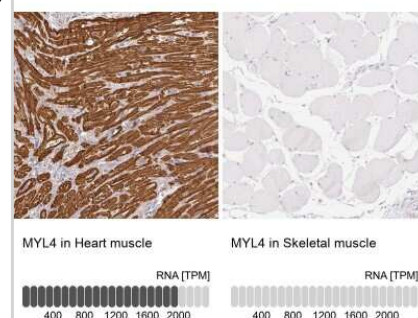
Description	Novus Biologicals Rabbit MYL4 Antibody - BSA Free (NBP2-30954) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4635
Gene Symbol	MYL4
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: PAPEAPKEPAFDPKSVKIDFTADQIE

Product Application Details

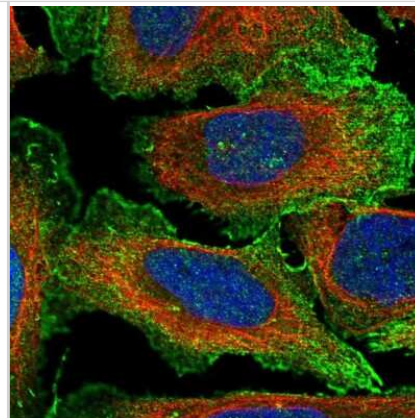
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. See Simple Western Antibody Database for Simple Western validation: Tested in HEL and h. Heart lysates, separated by Size, antibody dilution of 1:50, apparent MW was 33 kDa

Images

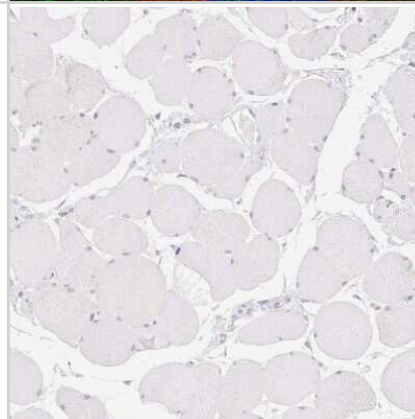
Immunohistochemistry-Paraffin: MYL4 Antibody [NBP2-30954] - Staining in human heart muscle and skeletal muscle tissues using anti-MYL4 antibody. Corresponding MYL4 RNA-seq data are presented for the same tissues.



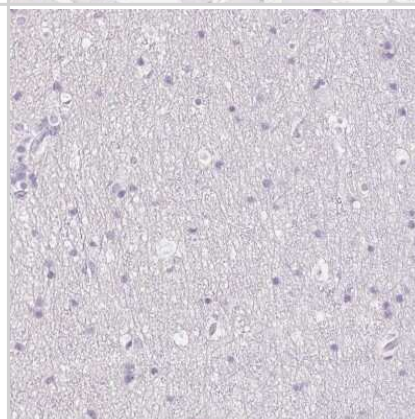
Immunocytochemistry/Immunofluorescence: MYL4 Antibody [NBP2-30954] - Staining of human cell line U-2 OS shows localization to plasma membrane. Antibody staining is shown in green.



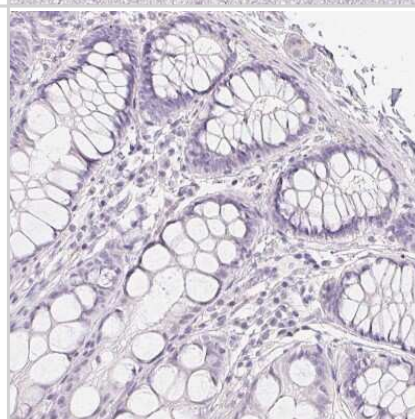
Immunohistochemistry-Paraffin: MYL4 Antibody [NBP2-30954] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



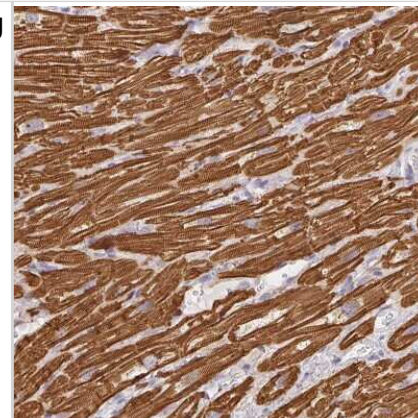
Immunohistochemistry-Paraffin: MYL4 Antibody [NBP2-30954] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Immunohistochemistry-Paraffin: MYL4 Antibody [NBP2-30954] - Staining of human colon shows no positivity in glandular cells as expected.



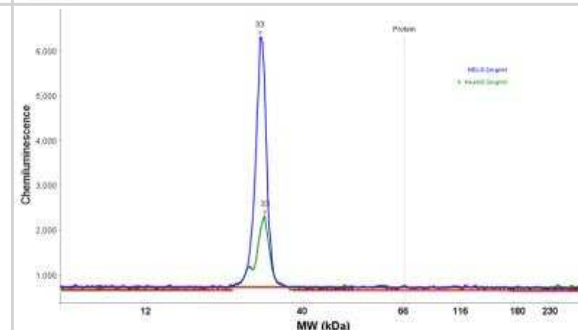
Immunohistochemistry-Paraffin: MYL4 Antibody [NBP2-30954] - Staining of human heart muscle shows strong cytoplasmic positivity in myocytes.



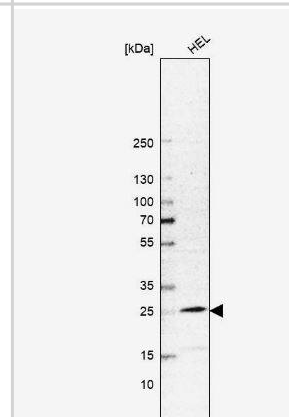
Simple Western: MYL4 Antibody [NBP2-30954] - Simple Western lane view shows a specific band for MYL4 in 0.2 mg/ml of HEL (left) and h. Heart (right) lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: MYL4 Antibody [NBP2-30954] - Electropherogram image of the corresponding Simple Western lane view. MYL4 antibody was used at 1:50 dilution on HEL and h. Heart lysate(s) respectively.



Western Blot: MYL4 Antibody [NBP2-30954] -Analysis in human cell line HEL.





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Products Related to NBP2-30954

NBP2-30954PEP	MYL4 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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