

Product Datasheet

MLC1SA Antibody - BSA Free

NBP1-92124

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-92124

Updated 12/2/2025 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/NBP1-92124



NBP1-92124

MLC1SA Antibody - BSA Free

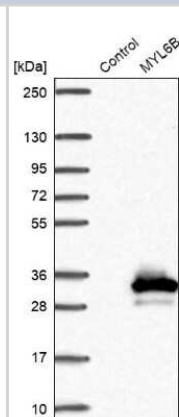
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit MLC1SA Antibody - BSA Free (NBP1-92124) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	140465
Gene Symbol	MYL6B
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: APPAKTKAEPQAPQKTQEPPVDLSKVVIEFNKDQLEEFKE

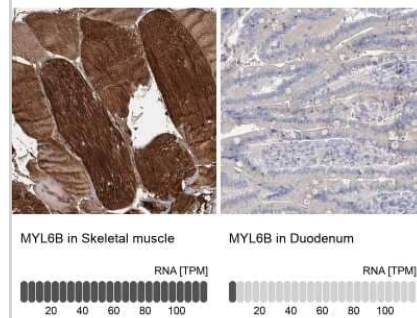
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

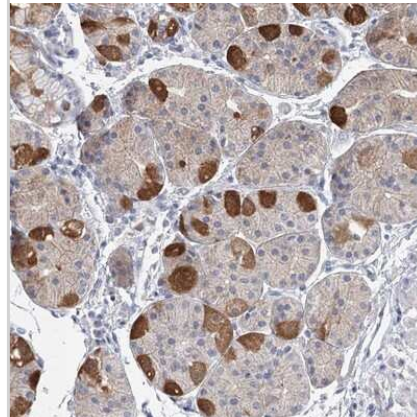
Western Blot: MLC1SA Antibody [NBP1-92124] - Analysis in control (vector only transfected HEK293T lysate) and MYL6B over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



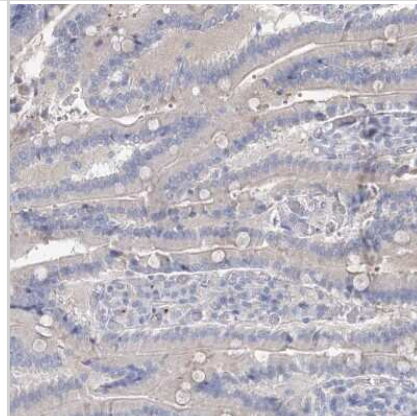
Immunohistochemistry-Paraffin: MLC1SA Antibody [NBP1-92124] - Staining in human skeletal muscle and duodenum tissues using anti-MYL6B antibody. Corresponding MYL6B RNA-seq data are presented for the same tissues.



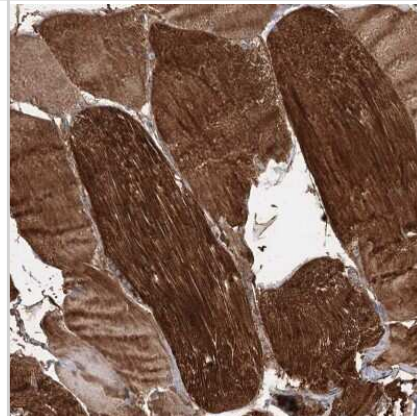
Immunohistochemistry-Paraffin: MLC1SA Antibody [NBP1-92124] - Staining of human stomach shows strong cytoplasmic positivity in parietal cells.



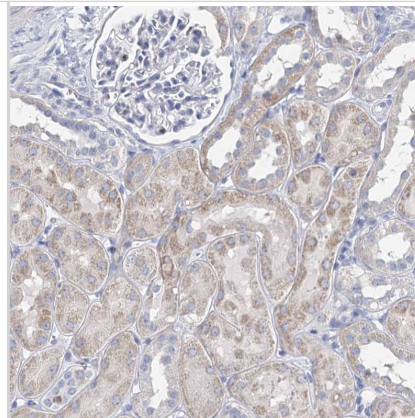
Immunohistochemistry-Paraffin: MLC1SA Antibody [NBP1-92124] - Staining of human duodenum shows low expression as expected.



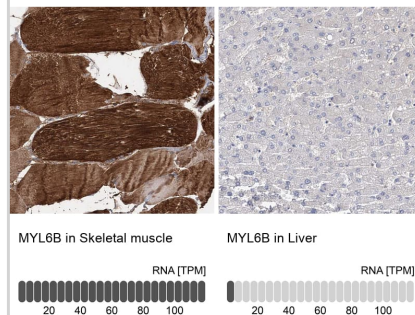
Immunohistochemistry-Paraffin: MLC1SA Antibody [NBP1-92124] - Staining of human skeletal muscle shows high expression.



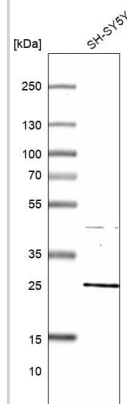
Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



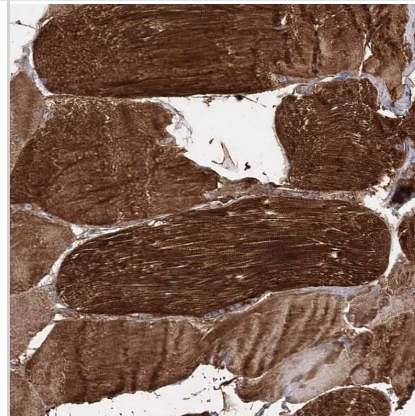
Analysis in human skeletal muscle and liver tissues using NBP1-92124 antibody. Corresponding MYL6B RNA-seq data are presented for the same tissues.



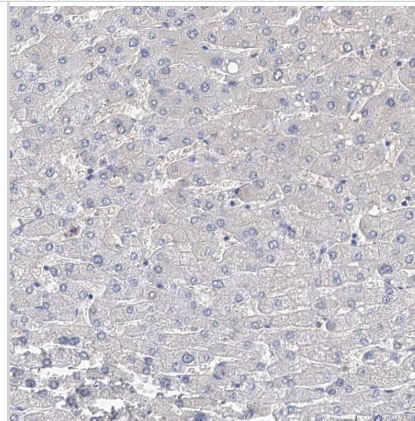
Analysis in human cell line SH-SY5Y.



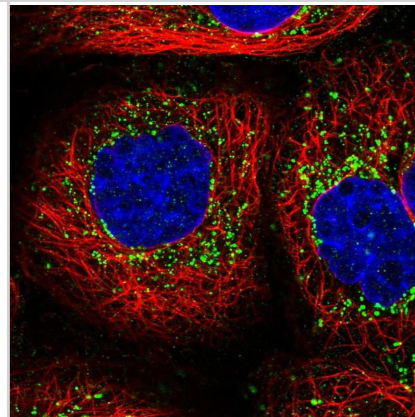
Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



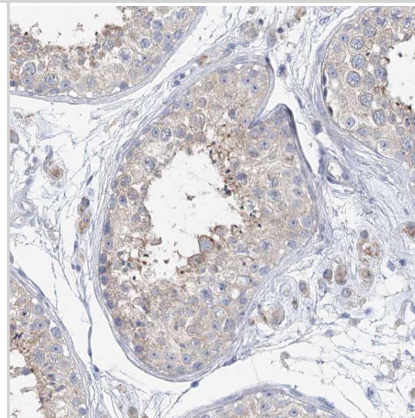
Staining of human liver shows no positivity in hepatocytes as expected.



Staining of human cell line A-431 shows localization to vesicles.



Staining of human testis shows weak cytoplasmic positivity in cells in seminiferous ducts.





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 NBP1-92124

NBP1-92124PEP	MLC1SA Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

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/NBP1-92124

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

