

Product Datasheet

MURC Antibody - BSA Free

NBP1-86609

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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NBP1-86609

MURC 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

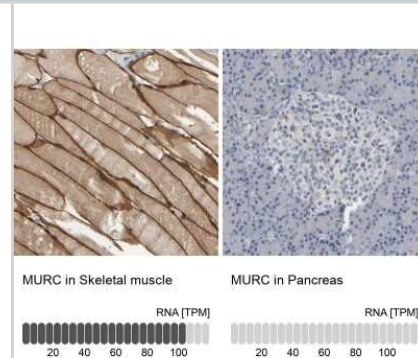
Host	Rabbit
Gene ID	347273
Gene Symbol	MURC
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26086601).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KGKDRTVAEGEECAREMGVDIARSESLGPISSELYSDELSEPEHEAARPVYPPH EGREIPTPEPLKVTFKSQVKVEDDESLLL

Product Application Details

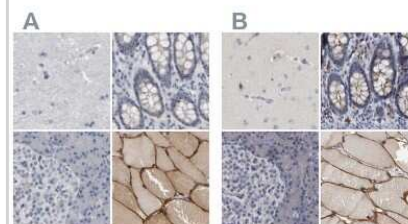
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation/Permeabilization: PFA/Triton X-100.

Images

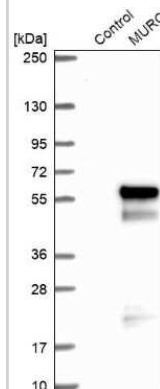
Immunohistochemistry-Paraffin: MURC Antibody [NBP1-86609] - Staining in human skeletal muscle and pancreas tissues using anti-MURC antibody. Corresponding MURC RNA-seq data are presented for the same tissues.



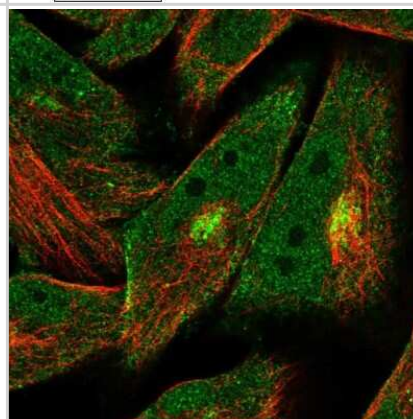
Immunohistochemistry-Paraffin: MURC Antibody [NBP1-86609] - Staining of human cerebral cortex, colon, pancreas and skeletal muscle using Anti-MURC antibody NBP1-86609 (A) shows similar protein distribution across tissues to independent antibody NBP1-86608 (B).



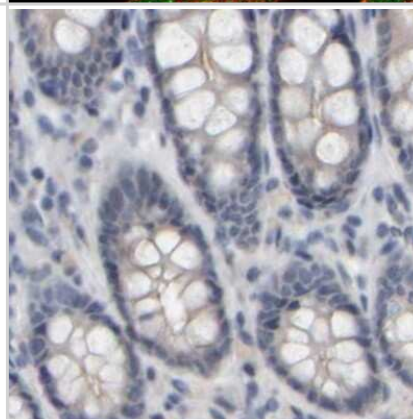
Western Blot: MURC Antibody [NBP1-86609] - Analysis in control (vector only transfected HEK293T lysate) and MURC over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



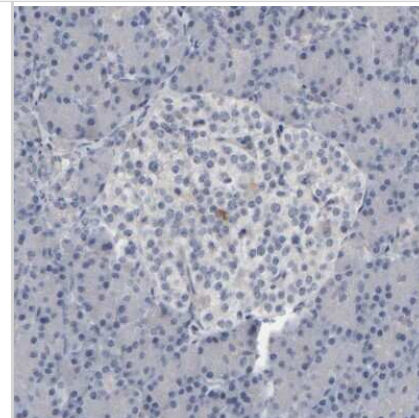
Immunocytochemistry/Immunofluorescence: MURC Antibody [NBP1-86609] - Staining of human cell line RH-30 shows localization to nucleoplasm, plasma membrane & the Golgi apparatus. Antibody staining is shown in green.



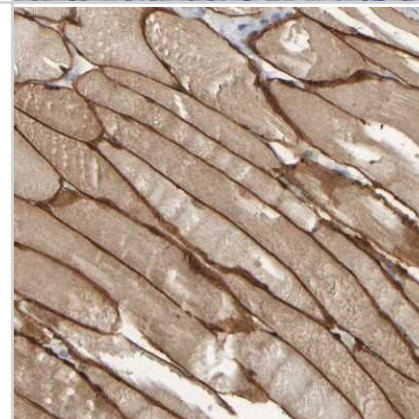
Immunohistochemistry-Paraffin: MURC Antibody [NBP1-86609] - Staining of human colon.



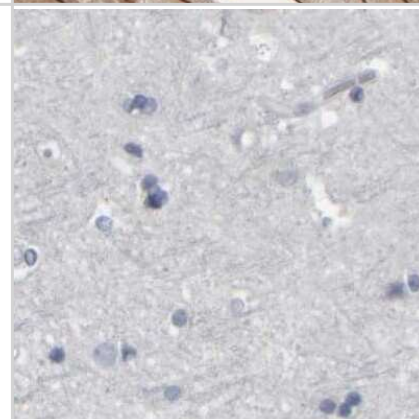
Immunohistochemistry-Paraffin: MURC Antibody [NBP1-86609] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: MURC Antibody [NBP1-86609] - Staining of human skeletal muscle shows high expression.



Immunohistochemistry-Paraffin: MURC Antibody [NBP1-86609] - Staining of human cerebral cortex.



Publications

Faggi F, Codenotti S, Poliani PL et al. MURC/cavin-4 Is Co-Expressed with Caveolin-3 in Rhabdomyosarcoma Tumors and Its Silencing Prevents Myogenic Differentiation in the Human Embryonal RD Cell Line. PLoS One 2015-01-01 [PMID: 26086601] (IF/IHC, Mouse)



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Products Related to NBP1-86609

NBP1-86609PEP	MURC 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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