

Product Datasheet

MAP1B Antibody - BSA Free

NBP1-81261

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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NBP1-81261

MAP1B Antibody - BSA Free

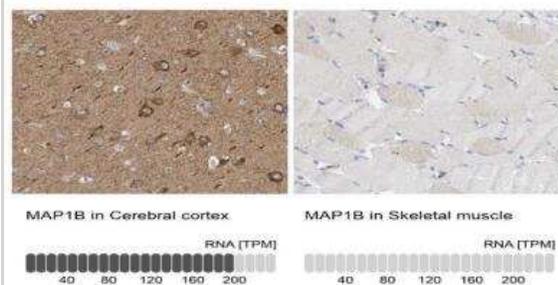
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	4131
Gene Symbol	MAP1B
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (86%).
Marker	Neuronal Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EVVEEHCASPEDKTLEVVSPSQSVTGSAGHTPYQSPTEDEKSSHLPTVEIEKP PAVPVSFEFSDAKDENERASVSPMDEPVPDSESPIEKVLSPPLRSPPLIGSESAY ESFLSADDKASGRGAESPFEKSGKQGSPDQVSPVSEMTST

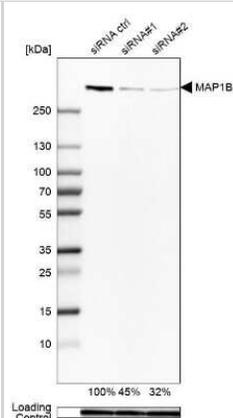
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

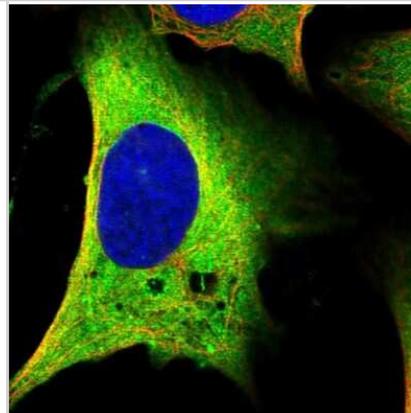
Immunohistochemistry-Paraffin: MAP1B Antibody [NBP1-81261] - Analysis in human cerebral cortex and skeletal muscle tissues using NBP1-81261 antibody. Corresponding MAP1B RNA-seq data are presented for the same tissues.



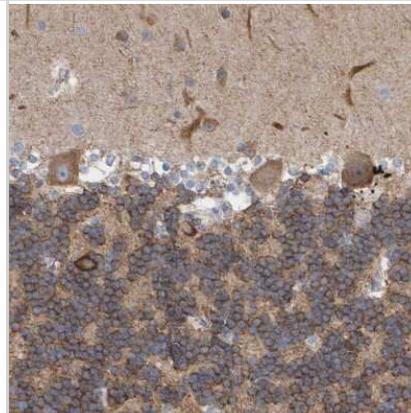
Western Blot: MAP1B Antibody [NBP1-81261] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-MAP1B antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



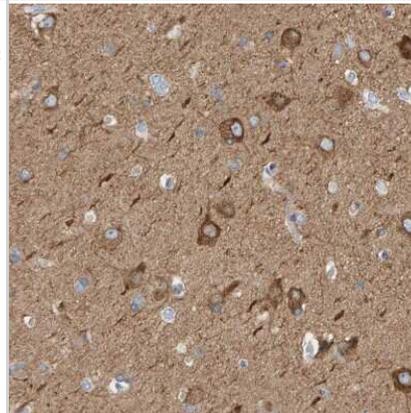
Immunocytochemistry/Immunofluorescence: MAP1B Antibody [NBP1-81261] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



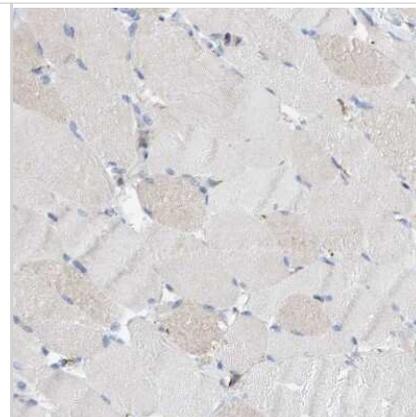
Immunohistochemistry-Paraffin: MAP1B Antibody [NBP1-81261] - Staining of human cerebellum shows moderate to strong membranous positivity in cells in granular layer.



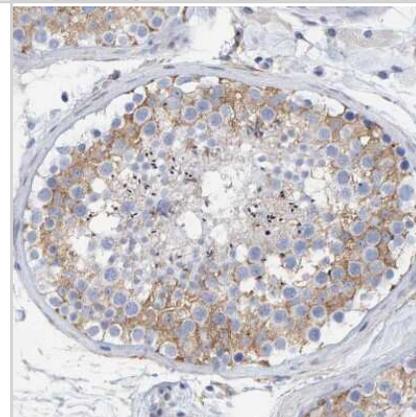
Immunohistochemistry-Paraffin: MAP1B Antibody [NBP1-81261] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: MAP1B Antibody [NBP1-81261] - Staining of human skeletal muscle shows low positivity in myocytes as expected.



Immunohistochemistry-Paraffin: MAP1B Antibody [NBP1-81261] - Staining of human testis shows moderate membranous positivity in cells in seminiferous ducts.



Publications

Claudio Isella, Andrea Terrasi, Sara Erika Bellomo et al. Stromal contribution to the colorectal cancer transcriptome. *Nature Genetics* 2015-02-23 [PMID: 25706627] (IF/IHC, Human)

Danielsson F, Wiking M, Mahdessian D et al. RNA deep sequencing as a tool for selection of cell lines for systematic subcellular localization of all human proteins. *J Proteome Res* 2013-01-04 [PMID: 23227862]



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Products Related to NBP1-81261

NBP1-81261PEP	MAP1B 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

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