

# 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**

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

**Product Description**

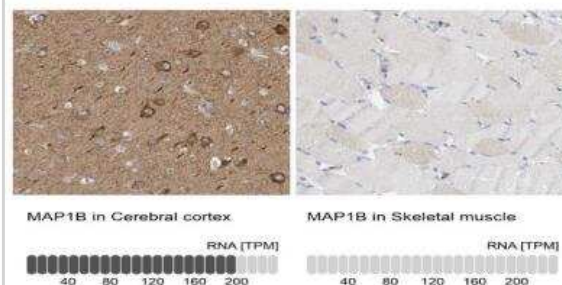
<b>Host</b>	Rabbit
<b>Gene ID</b>	4131
<b>Gene Symbol</b>	MAP1B
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (86%).
<b>Marker</b>	Neuronal Marker
<b>Immunogen</b>	This antibody was developed against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

**Product Application Details**

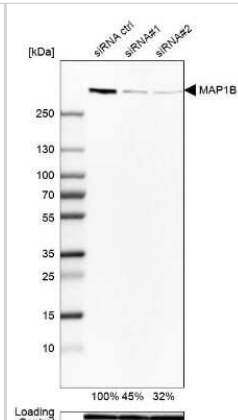
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

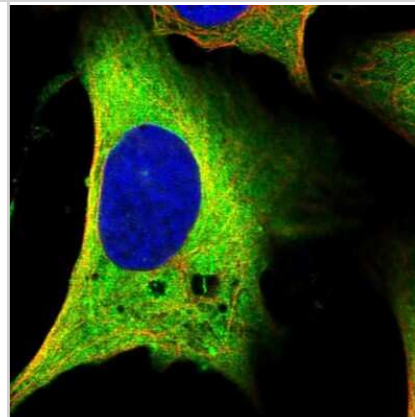
Immunohistochemistry-Paraffin: MAP1B Antibody [NBP1-81261] - Analysis in human cerebral cortex and skeletal muscle tissues using NBP1-81261 antibody. Corresponding MAP1B RNA-seq data are presented for the same tissues.



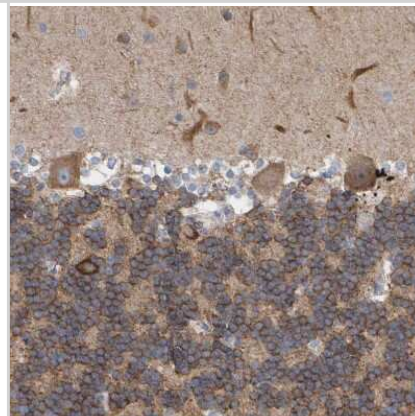
Western Blot: MAP1B Antibody [NBP1-81261] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-MAP1B antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



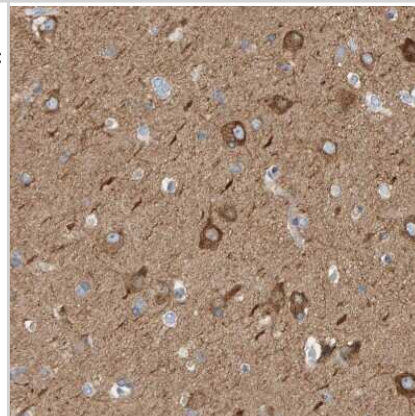
Immunocytochemistry/Immunofluorescence: MAP1B Antibody [NBP1-81261] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



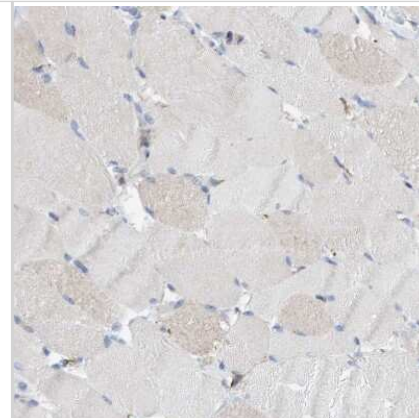
Immunohistochemistry-Paraffin: MAP1B Antibody [NBP1-81261] - Staining of human cerebellum shows moderate to strong membranous positivity in cells in granular layer.



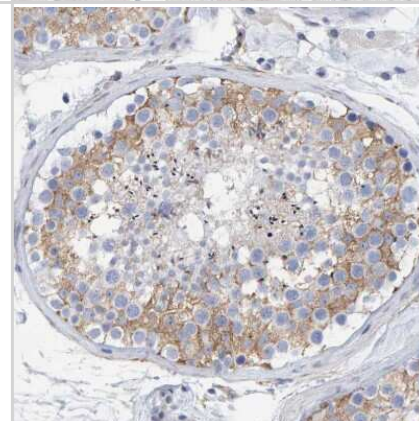
Immunohistochemistry-Paraffin: MAP1B Antibody [NBP1-81261] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



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**

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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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### **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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