

Product Datasheet

MAP7 Antibody - BSA Free NBP1-84853

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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Publications: 1

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NBP1-84853

MAP7 Antibody - BSA Free

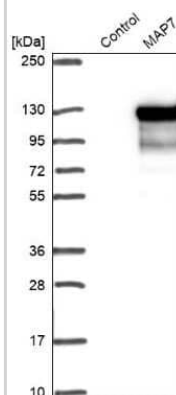
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit MAP7 Antibody - BSA Free (NBP1-84853) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MAP7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9053
Gene Symbol	MAP7
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IAKGALTTGGTEVSALPCTTNAPGNGKPVGSPHVVTSHQSKVTVESTPDLEKQP NENGVSVQ

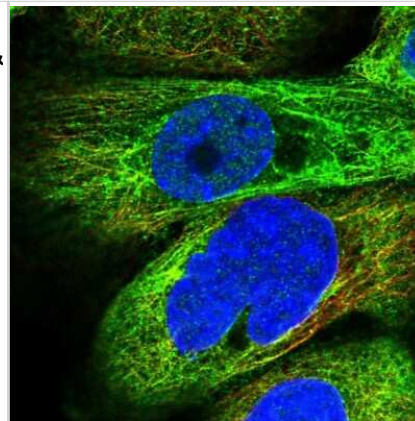
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

Images

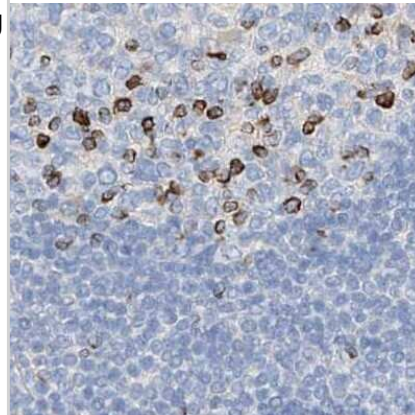
Western Blot: MAP7 Antibody [NBP1-84853] - Analysis in control (vector only transfected HEK293T lysate) and MAP7 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



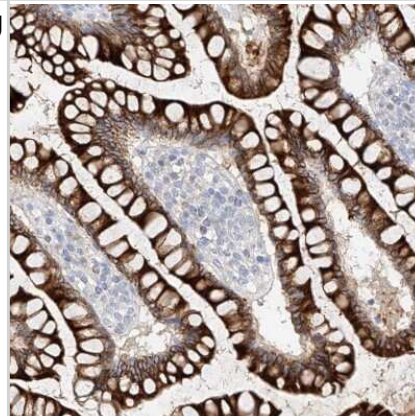
Immunocytochemistry/Immunofluorescence: MAP7 Antibody [NBP1-84853] - Staining of human cell line A-431 shows localization to cytosol & microtubules. Antibody staining is shown in green.



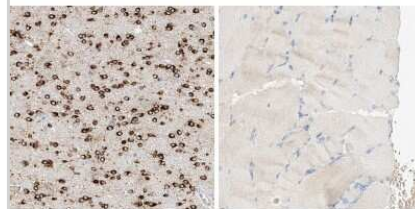
Immunohistochemistry-Paraffin: MAP7 Antibody [NBP1-84853] - Staining of human lymph node.



Immunohistochemistry-Paraffin: MAP7 Antibody [NBP1-84853] - Staining of human colon shows high expression.



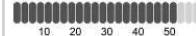
Immunohistochemistry-Paraffin: MAP7 Antibody [NBP1-84853] - Staining in human cerebral cortex and skeletal muscle tissues.. Corresponding MAP7 RNA-seq data are presented for the same tissues.



MAP7 in Cerebral cortex

MAP7 in Skeletal muscle

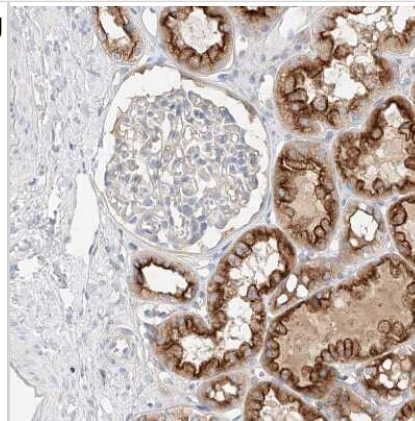
RNA (TPM)



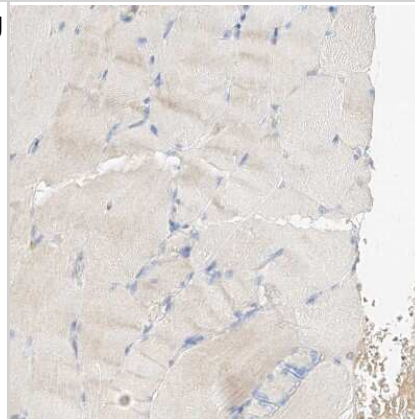
RNA (TPM)



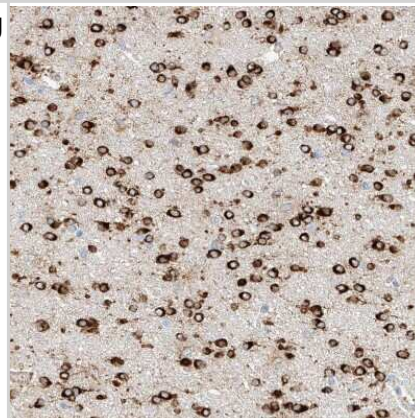
Immunohistochemistry-Paraffin: MAP7 Antibody [NBP1-84853] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



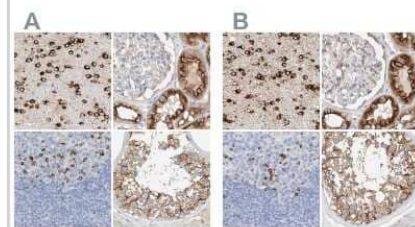
Immunohistochemistry-Paraffin: MAP7 Antibody [NBP1-84853] - Staining of human skeletal muscle shows no positivity in myocytes.



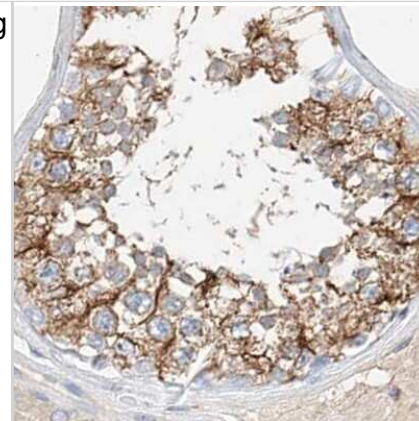
Immunohistochemistry-Paraffin: MAP7 Antibody [NBP1-84853] - Staining of human cerebral cortex shows strong cytoplasmic positivity in glial cells.



Immunohistochemistry-Paraffin: MAP7 Antibody [NBP1-84853] - Staining of human cerebral cortex, kidney, lymph node and testis using Anti-MAP7 antibody NBP1-84853 (A) shows similar protein distribution across tissues to independent antibody NBP1-84852 (B).



Immunohistochemistry-Paraffin: MAP7 Antibody [NBP1-84853] - Staining of human testis.



Publications

Fukuzawa R, Anaka MR, Morison IM, Reeve AE. The developmental programme for genesis of the entire kidney is recapitulated in Wilms tumour. PLoS ONE. 2017-10-17 [PMID: 29040332] (Human)



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Products Related to NBP1-84853

NBP1-84853PEP	MAP7 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.

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