

Product Datasheet

MRPL45 Antibody - BSA Free NBP1-82763

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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Updated 12/2/2025 v.20.1

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NBP1-82763

MRPL45 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

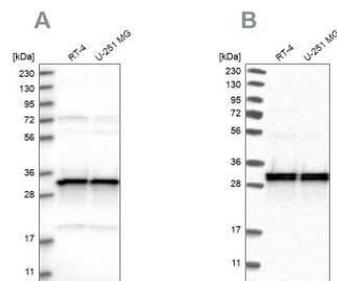
Product Description	
Description	Novus Biologicals Rabbit MRPL45 Antibody - BSA Free (NBP1-82763) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84311
Gene Symbol	MRPL45
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%), Rat (82%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GIFDAYVPPEGDARISLSKEGLIERTERMKKTMASQVSIRRIKDYDANFKIKDF PEKAKDIFIEAHLCLNNSDHD

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. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

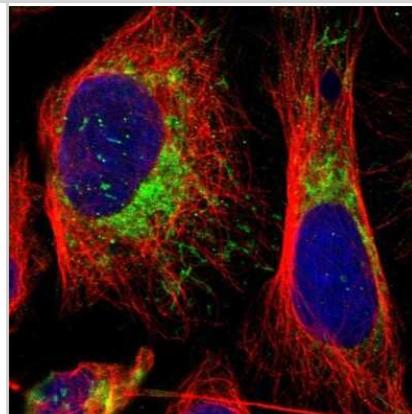


Images

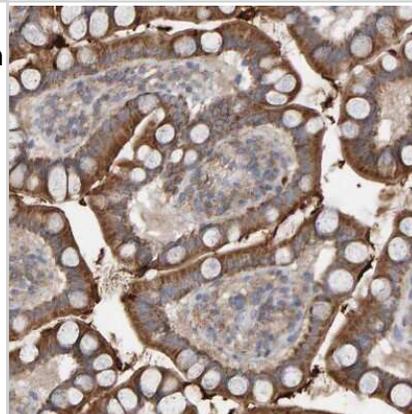
Western Blot: MRPL45 Antibody [NBP1-82763] - Analysis using Anti-MRPL45 antibody NBP1-82763 (A) shows similar pattern to independent antibody NBP1-82764 (B).



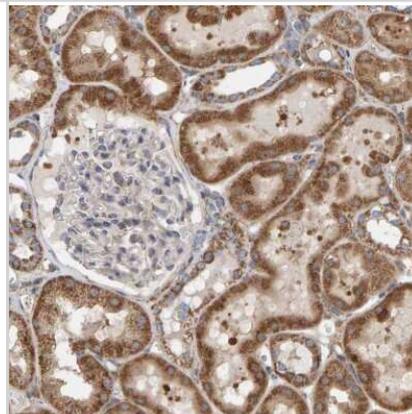
Immunocytochemistry/Immunofluorescence: MRPL45 Antibody [NBP1-82763] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



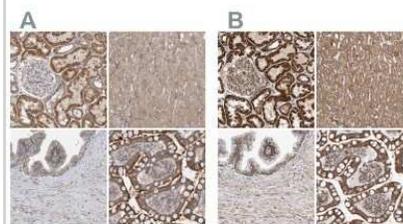
Immunohistochemistry-Paraffin: MRPL45 Antibody [NBP1-82763] - Staining of human small intestine strong granular cytoplasmic positivity in glandular cells.



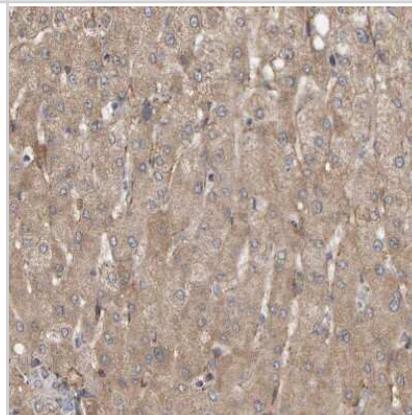
Immunohistochemistry-Paraffin: MRPL45 Antibody [NBP1-82763] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



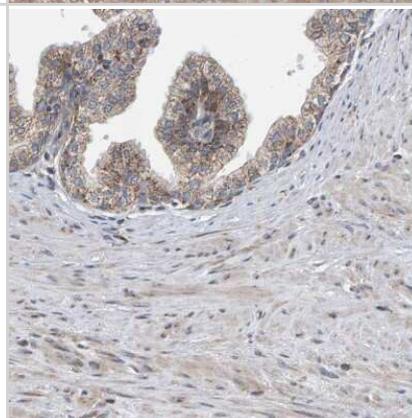
Immunohistochemistry-Paraffin: MRPL45 Antibody [NBP1-82763] - Staining of human kidney, liver, prostate and small intestine using Anti-MRPL45 antibody NBP1-82763 (A) shows similar protein distribution across tissues to independent antibody NBP1-82764 (B).



Immunohistochemistry-Paraffin: MRPL45 Antibody [NBP1-82763] - Staining of human liver shows moderate granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: MRPL45 Antibody [NBP1-82763] - Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.





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Products Related to NBP1-82763

NBP1-82763PEP	MRPL45 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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