

Product Datasheet

Ribophorin I Antibody - BSA Free NBP2-55523

Unit Size: 100 ul

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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NBP2-55523

Ribophorin I Antibody - BSA Free

Product Information

Unit Size	100 ul
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

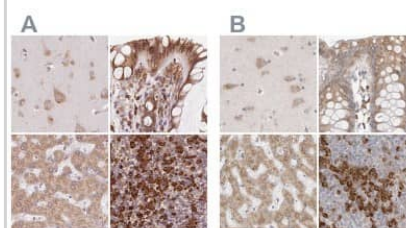
Host	Rabbit
Gene ID	6184
Gene Symbol	RPN1
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:34923175) .
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: DVKRTVDLSSHLAKVTAEVVLAHLGGGSTRATSFLLALEPELEARLAHLGVQV KGEDEEENNLEVRETKIKGKSGRFFTVKLPVALDPGAKISVIVETVYTHVLHPYP TQITQSEKQFVVFEGNHYFYSPYPTKTQ

Product Application Details

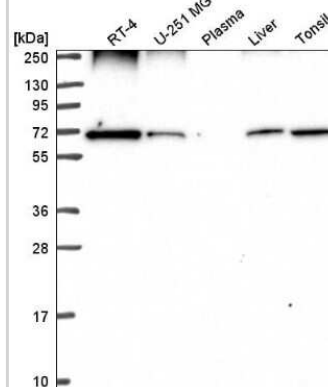
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. IHC Retrieval method: HIER pH6.

Images

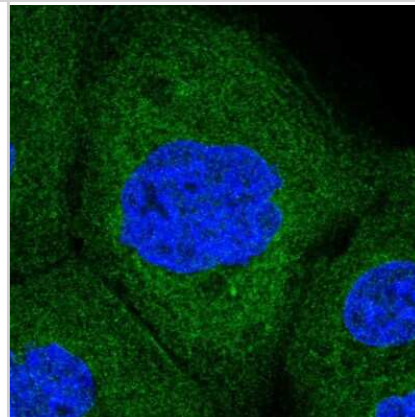
Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human cerebral cortex, colon, liver and tonsil using Anti-RPN1 antibody NBP2-55523 (A) shows similar protein distribution across tissues to independent antibody NBP1-82467 (B).



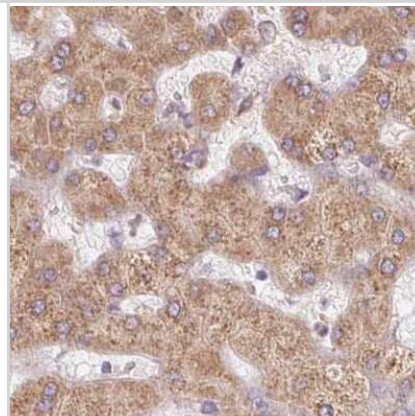
Western Blot: Ribophorin I Antibody [NBP2-55523] - Analysis in human cell line RT-4, human cell line U-251 MG, human plasma, human liver tissue and human tonsil tissue.



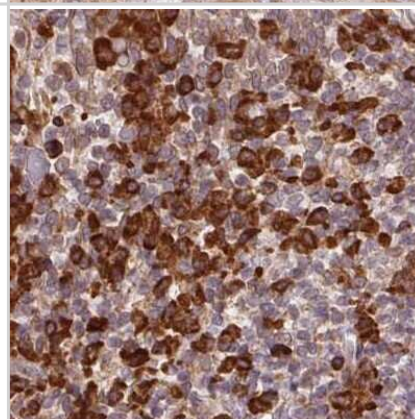
Immunocytochemistry/Immunofluorescence: Ribophorin I Antibody [NBP2-55523] - Staining of human cell line A-431 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



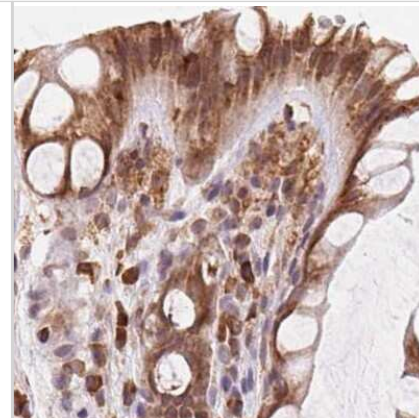
Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human liver.



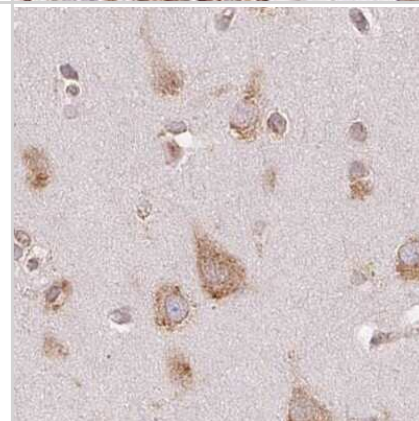
Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human tonsil.



Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human colon.



Immunohistochemistry-Paraffin: Ribophorin I Antibody [NBP2-55523] - Staining of human cerebral cortex.



Publications

Luo F, Smagris E, Martin S et al. Hepatic TM6SF2 is Required for Lipidation of VLDL in a Pre-Golgi Compartment in Mice and Rats Cellular and molecular gastroenterology and hepatology 2021-12-16 [PMID: 34923175] (WB, Rat)



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Products Related to NBP2-55523

NBP2-55523PEP	Ribophorin I 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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