

Product Datasheet

LRPPRC Antibody - BSA Free

NBP1-83349

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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NBP1-83349

LRPPRC 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

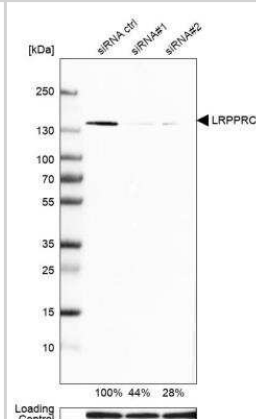
Product Description	
Description	Novus Biologicals Rabbit LRPPRC Antibody - BSA Free (NBP1-83349) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-LRPPRC Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10128
Gene Symbol	LRPPRC
Species	Human
Reactivity Notes	Rat (88%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RIWDTLQKLGAVYDVSHYNALLKVYLQNEYKFSPTDFLAKMEEANIQPNRVTY QRLIASYCNVGDIEGASKILGFMKTKDLPVT

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

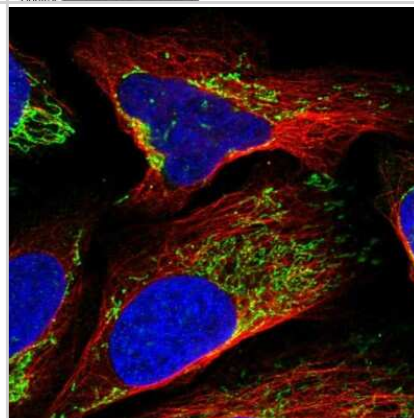


Images

Western Blot: LRPPRC Antibody [NBP1-83349] - Analysis in Hep-G2 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-LRPPRC antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Immunocytochemistry/Immunofluorescence: LRPPRC Antibody [NBP1-83349] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



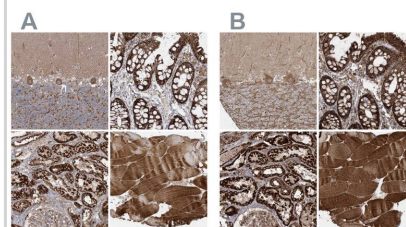
Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



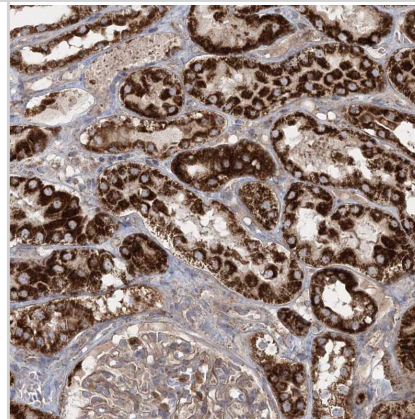
Staining of human colon shows strong cytoplasmic granular positivity in glandular cells.



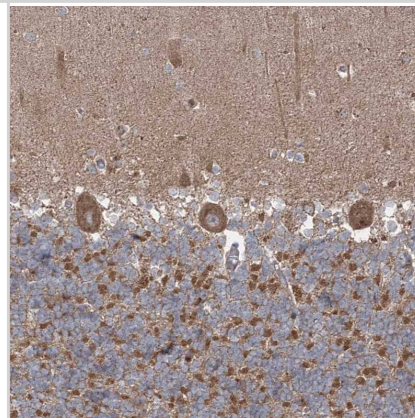
Staining of human cerebellum, gastrointestinal, kidney and skeletal muscle using Anti-LRPPRC antibody NBP1-83349 (A) shows similar protein distribution across tissues to independent antibody NBP2-38300 (B).



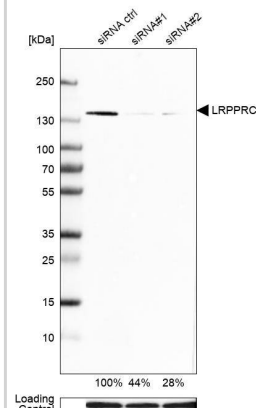
Staining of human kidney shows strong cytoplasmic granular positivity in cells in tubules.



Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



Analysis in Hep-G2 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-LRPPRC antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Publications

Yan BR, Li T, Coyaud E Et al. C5orf51 is a component of the MON1-CCZ1 complex and controls RAB7A localization and stability during mitophagy Autophagy 2021-08-25 [PMID: 34432599]



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Products Related to NBP1-83349

NBP1-83349PEP	LRPPRC 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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