

Product Datasheet

UQCRFS1 Antibody - BSA Free NBP1-87826

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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NBP1-87826

UQCRFS1 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

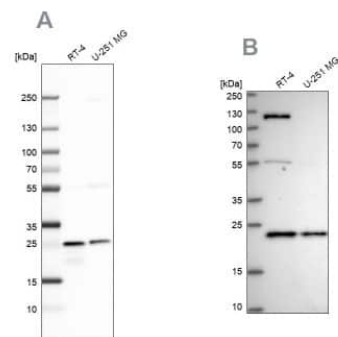
Product Description	
Description	Novus Biologicals Rabbit UQCRFS1 Antibody - BSA Free (NBP1-87826) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-UQCRFS1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7386
Gene Symbol	UQCRFS1
Species	Human, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25605331).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RVKKPEWVILIGVCTHLGCVPIANAGDFGGYYCPCCHGSHYDASGRIRLGPAPLN LEVPTYEFTSDDMVIV

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:30, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	WB reported in the literature (PMID:25605331). ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. IHC-Paraffin HIER pH6 retrieval is recommended. See Simple Western Antibody Database for Simple Western validation: Tested in RT-4 and U-251MG, separated by Size, antibody dilution of 1:30, apparent MW was 31 kDa

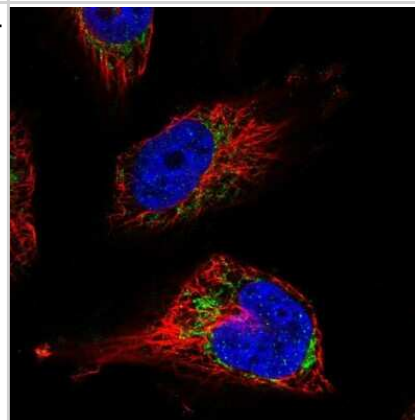


Images

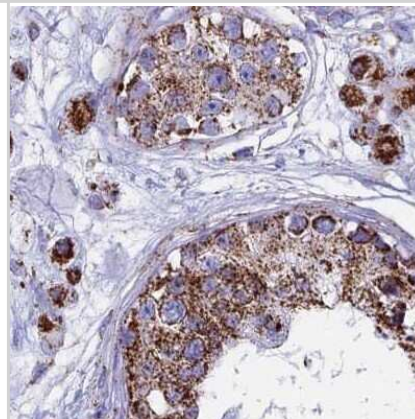
Western Blot: UQCRFS1 Antibody [NBP1-87826] - Analysis using Anti-UQCRFS1 antibody NBP1-87826 (A) shows similar pattern to independent antibody NBP2-38623 (B).



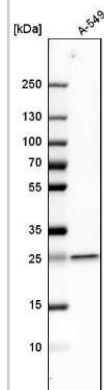
Immunocytochemistry/Immunofluorescence: UQCRFS1 Antibody [NBP1-87826] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



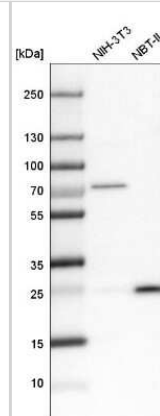
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human testis using Anti-UQCRFS1 antibody NBP1-87826.



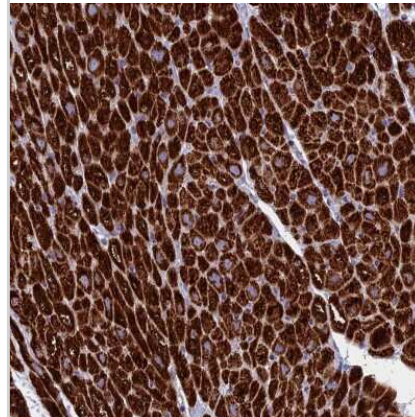
Western Blot: UQCRFS1 Antibody [NBP1-87826] - Analysis in human cell line A-549.



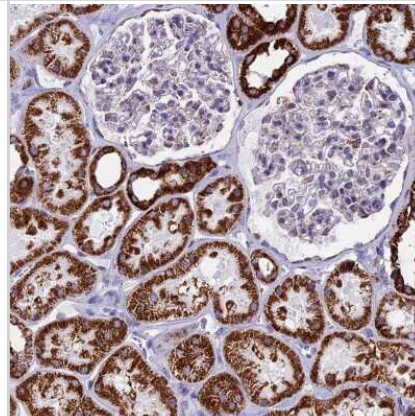
Western Blot: UQCRFS1 Antibody [NBP1-87826] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



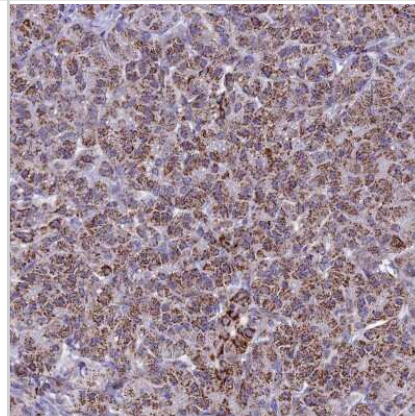
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human heart muscle shows moderate to strong cytoplasmic positivity in myocytes.



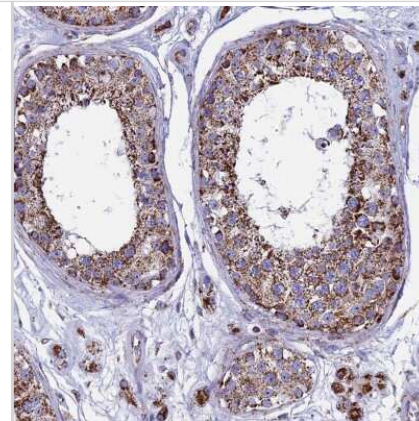
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



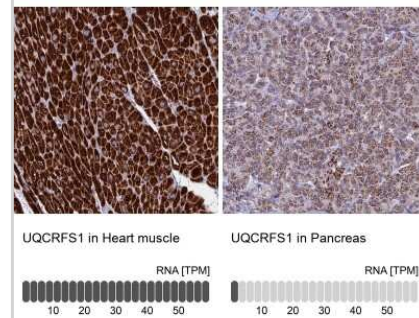
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human pancreas shows moderate to strong cytoplasmic positivity in exocrine glandular cells.



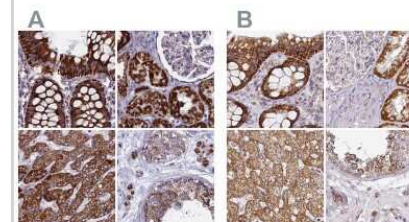
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts and in Leydig cells.



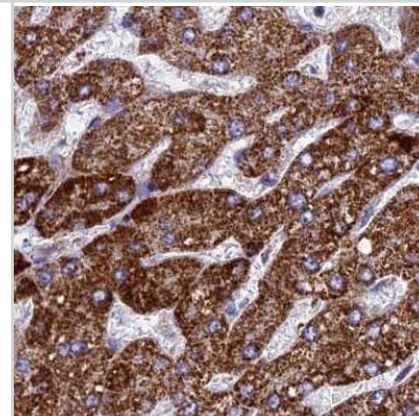
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining in human heart muscle and pancreas tissues. Corresponding UQCRFS1 RNA-seq data are presented for the same tissues.



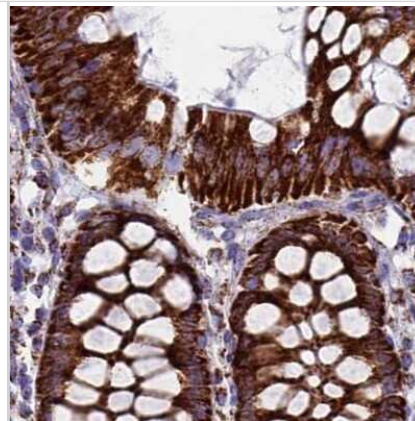
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human colon, kidney, liver and testis using Anti-UQCRFS1 antibody NBP1-87826 (A) shows similar protein distribution across tissues to independent antibody NBP2-38623 (B).



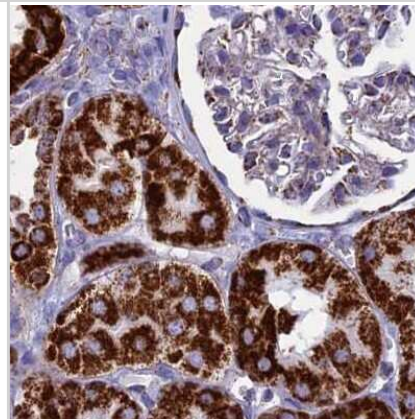
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human liver.



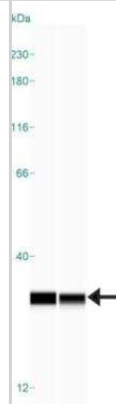
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human colon.



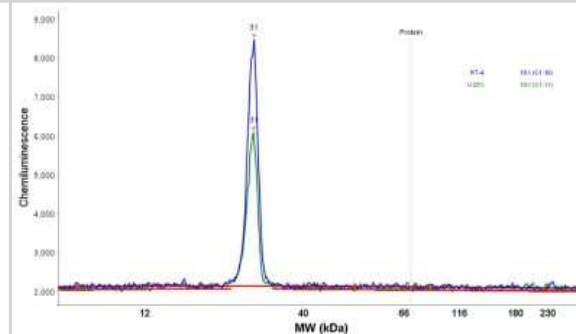
Immunohistochemistry-Paraffin: UQCRFS1 Antibody [NBP1-87826] - Staining of human kidney using Anti-UQCRFS1 antibody NBP1-87826.



Simple Western: UQCRFS1 Antibody [NBP1-87826] - Simple Western lane view shows a specific band for RIP1 in 0.2 mg/ml of RT-4 (Left) and U-251MG (Right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: UQCRFS1 Antibody [NBP1-87826] - Electropherogram image(s) of corresponding Simple Western lane view. UQCRFS1 antibody was used at 1:30 dilution on RT-4 and U-251MG lysate(s).



Publications

Iommarini L, Ghelli A, Leone G, Tropeano CV et al. Mild phenotypes and proper supercomplex assembly in human cells carrying the homoplasmic m.15557G>A mutation in cytochrome b gene Hum. Mutat. 2017-10-01 [PMID: 28967163]

Desmurs M, Foti M, Raemy E et al. C11orf83, a Mitochondrial Cardiolipin-Binding Protein Involved in bc1 Complex Assembly and Supercomplex Stabilization. Mol Cell Biol 2015-04-01 [PMID: 25605331] (WB, Human)





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Products Related to NBP1-87826

NBP1-87826PEP	UQCRFS1 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

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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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