

Product Datasheet

UQCRC2 Antibody - BSA Free

NBP1-80862

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: 3

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NBP1-80862

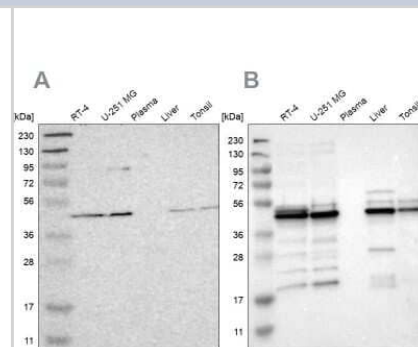
UQCRC2 Antibody - BSA Free

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 UQCRC2 Antibody - BSA Free (NBP1-80862) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-UQCRC2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7385
Gene Symbol	UQCRC2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (85%). Reactivity reported in scientific literature (PMID: 24086592)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IKAGSRYEDFSNLGTTHLLRLTSSLTTKGASSFKITRGIEAVGGKLSVTATRENM AYTVECLRGDVIDILMEFLLNVTTAPEFRRWEVADLQPQLKIDKAVAFQNPQTHV IENLHAAAYRNALANPLYCPDYRIGKVTSEELHYFVQN
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

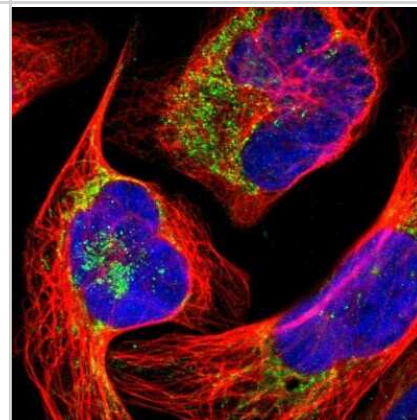


Images

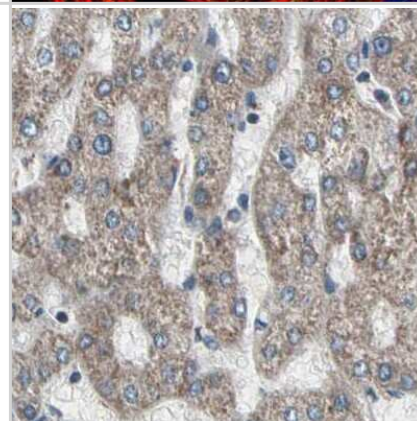
Western Blot: UQCRC2 Antibody [NBP1-80862] - Analysis using Anti-UQCRC2 antibody NBP1-80862 (A) shows similar pattern to independent antibody NBP1-80861 (B).



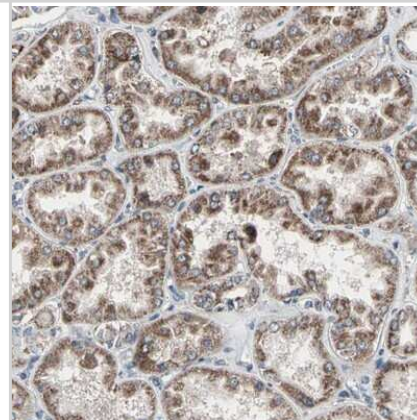
Immunocytochemistry/Immunofluorescence: UQCRC2 Antibody [NBP1-80862] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria.



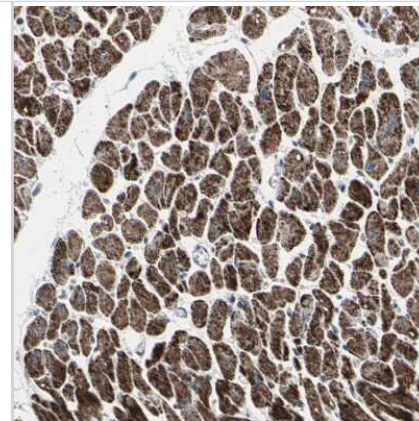
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80862] - Staining of human liver.



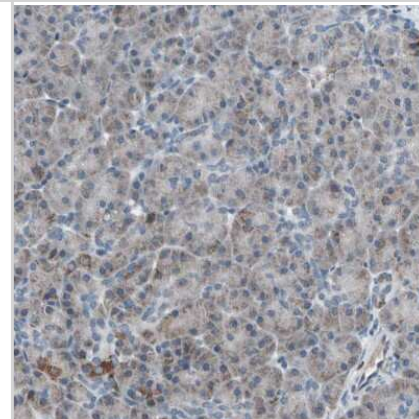
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80862] - Staining of human kidney shows distinct cytoplasmic positivity with granular pattern in tubule cells.



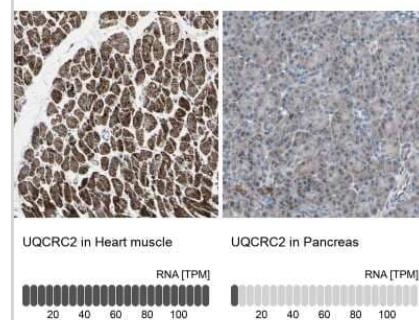
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80862] - Staining of human heart muscle shows high expression.



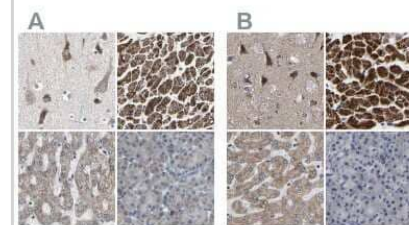
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80862] - Staining of human pancreas shows low expression as expected.



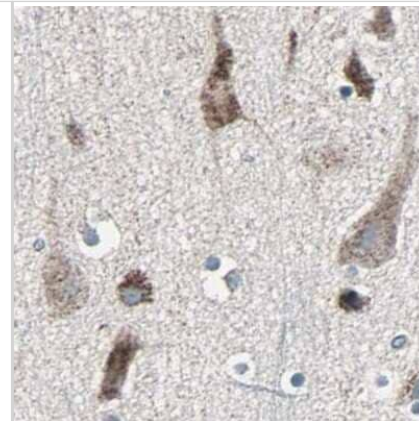
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80862] - Staining in human heart muscle and pancreas tissues using anti-UQCRC2 antibody. Corresponding UQCRC2 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80862] - Staining of human cerebral cortex, heart muscle, liver and pancreas using Anti-UQCRC2 antibody NBP1-80862 (A) shows similar protein distribution across tissues to independent antibody NBP1-80861 (B).



Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80862] - Staining of human cerebral cortex.



Publications

Das S, Parray H, Chiranjivi A et al. Kennedy epitope (KE)-dependent retrograde transport of efficiently cleaved HIV-1 envelopes (Envs) and its effect on Env cell surface expression and viral particle formation Research Square 2022-11-10 (WB, Human)

Kim JS, Lee HL, Jeong JH et al. OR2AT4, an Ectopic Olfactory Receptor, Suppresses Oxidative Stress-Induced Senescence in Human Keratinocytes Antioxidants (Basel, Switzerland) 2022-11-03 [PMID: 36358552] (WB, Human)

Details:

Dilution used in ICC 1:200

Lai D, Tan CL, Gunaratne J et al. Localization of HPV-18 E2 at Mitochondrial Membranes Induces ROS Release and Modulates Host Cell Metabolism. PLoS One 2013-01-01 [PMID: 24086592]



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Products Related to NBP1-80862

NBP1-80862PEP	UQCRC2 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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