

# Product Datasheet

## UQCRC2 Antibody - BSA Free

### NBP1-80861

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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Updated 12/2/2025 v.20.1

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**NBP1-80861**

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
Target Molecular Weight	48 kDa

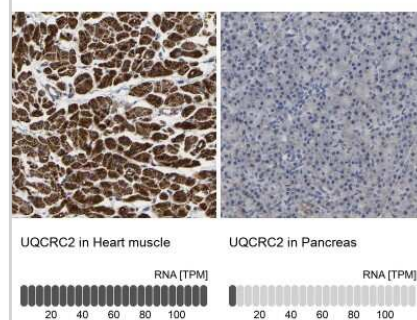
Product Description	
Description	Novus Biologicals Rabbit UQCRC2 Antibody - BSA Free (NBP1-80861) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-UQCRC2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7385
Gene Symbol	UQCRC2
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PVLKQVAEQFLNMRGGLGLSGAKANYRGGEIREQNGDSLVAHAFVAESAVAG SAEANAFSVLQHVLGAGPHVKRGSNTTSHLHQAVAKATQQPFDVSAFNASYS DSGLFGIYTISQATAAGDVIKAA

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, 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. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation

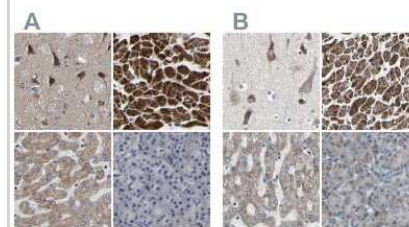


## Images

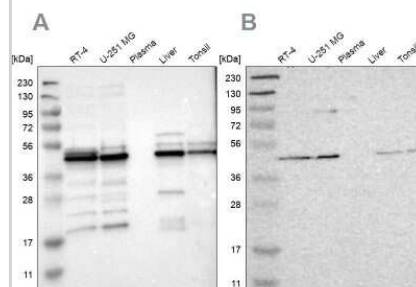
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80861] - Staining in human heart muscle and pancreas tissues using anti-UQCRC2 antibody. Corresponding UQCRC2 RNA-seq data are presented for the same tissues.



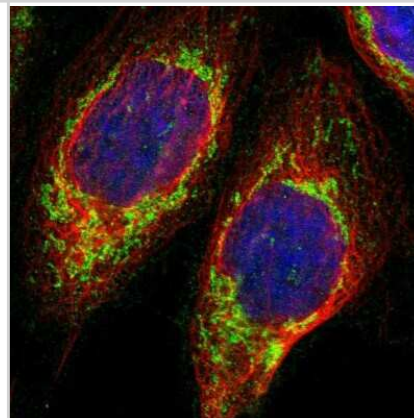
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80861] - Staining of human cerebral cortex, heart muscle, liver and pancreas using Anti-UQCRC2 antibody NBP1-80861 (A) shows similar protein distribution across tissues to independent antibody NBP1-80862 (B).



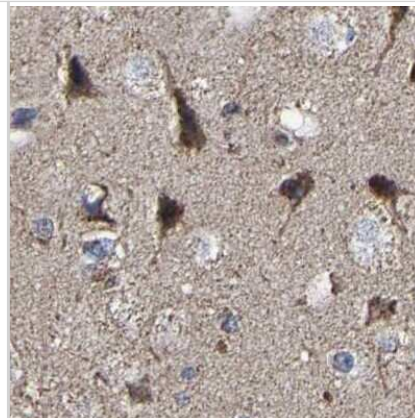
Western Blot: UQCRC2 Antibody [NBP1-80861] - Analysis using Anti-UQCRC2 antibody NBP1-80861 (A) shows similar pattern to independent antibody NBP1-80862 (B).



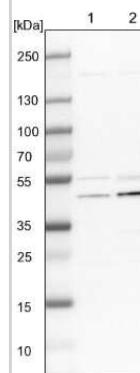
Immunocytochemistry/Immunofluorescence: UQCRC2 Antibody [NBP1-80861] - Immunofluorescent staining of human cell line A-431 shows localization to mitochondria.



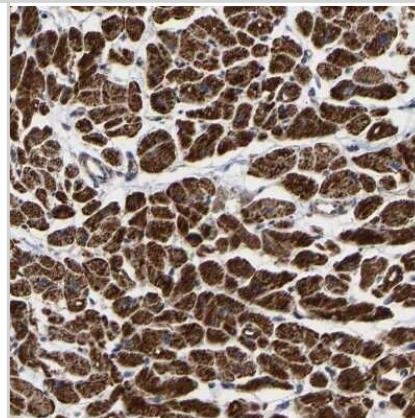
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80861] - Staining of human cerebral cortex.



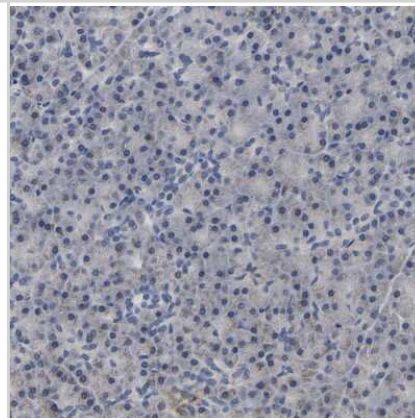
Western Blot: UQCRC2 Antibody [NBP1-80861] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



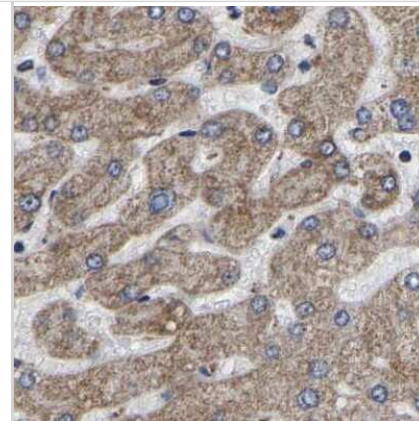
Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80861] - Staining of human heart muscle shows high expression.



Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80861] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: UQCRC2 Antibody [NBP1-80861] - Staining of human liver.



## Publications

Moreau, M, Capallere, C, et al. Reconstruction of functional human epidermis equivalent containing 5%IPS-derived keratinocytes treated with mitochondrial stimulating plant extracts. Sci Rep [PMID: 35641783] (Simple Western, Human)

Details:  
0.180555556

Boschann F, Sczakiel H, Zhao M et al FINCA syndrome beyond pulmonary affection: biallelic NHLRC2 variants in eight families with intellectual disability and epilepsy Research Square 2022-11-11 (WB, Human)

Xu W, Zhao L An Enzyme-Linked Immunosorbent Assay for the Detection of Mitochondrial DNA-Protein Cross-Links from Mammalian Cells DNA 2022-11-11 (WB, Human)



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### **Products Related to NBP1-80861**

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NBP1-80861PEP	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

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### **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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