

Product Datasheet

UQCRC1 Antibody (OT11G6)

NBP2-03825

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-03825

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-03825



NBP2-03825

UQCRC1 Antibody (OTI1G6)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1G6
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	52.5 kDa

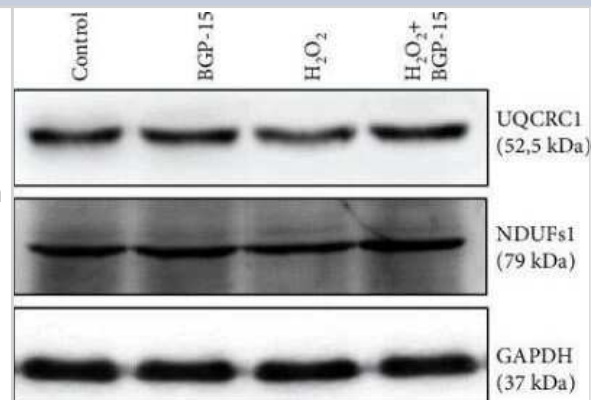
Product Description	
Description	Novus Biologicals Mouse UQCRC1 Antibody (OTI1G6) (NBP2-03825) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-UQCRC1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7384
Gene Symbol	UQCRC1
Species	Human, Mouse, Rat, Canine, Primate, Monkey
Reactivity Notes	Use in Rat reported in scientific literature (PMID:33728024). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Human recombinant protein fragment corresponding to amino acids 46-305 of human UQCRC1 (NP_003356) produced in E.coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

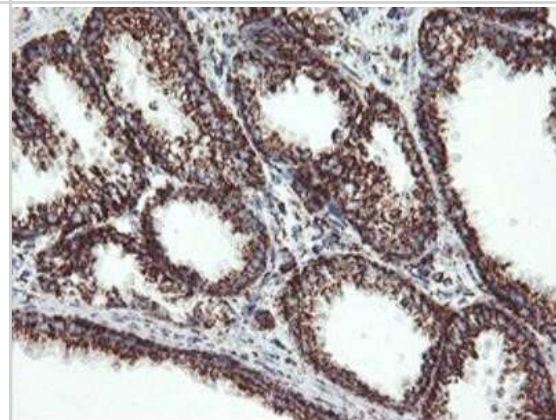


Images

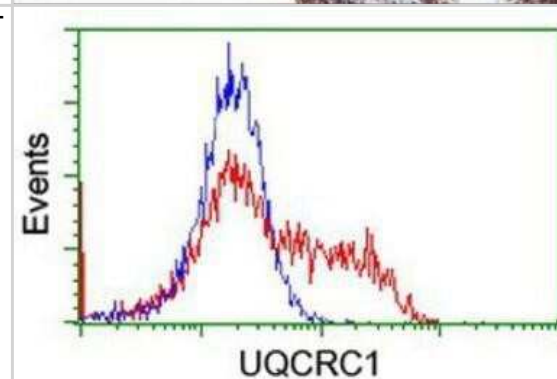
Western Blot: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Effect of BGP-15 treatment on the electron transport chain complex I and III proteins in NRCMs. Western blot analysis of UQCRC1 (NBP2-03825) and Ndufs1 (NBP1-31142) proteins is shown. GAPDH was used as a loading control. Control group: cells without any treatment; BGP-15 group: cells with only 50uM BGP-15 for 0.5 hours; H₂O₂ group: cells with 150uM H₂O₂ for 0.5 hours; H₂O₂+BGP-15 group: cells with 150uM H₂O₂ and 50uM BGP-15 for 0.5 hours. Image collected and cropped by CiteAb from the following publication ([//pubmed.ncbi.nlm.nih.gov/33728024/](https://pubmed.ncbi.nlm.nih.gov/33728024/)) licensed under a CC-BY license.



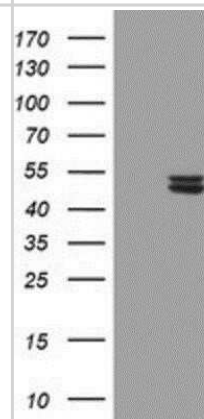
Immunohistochemistry-Paraffin: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Staining of paraffin-embedded Human prostate tissue using anti-UQCRC1 mouse monoclonal antibody.



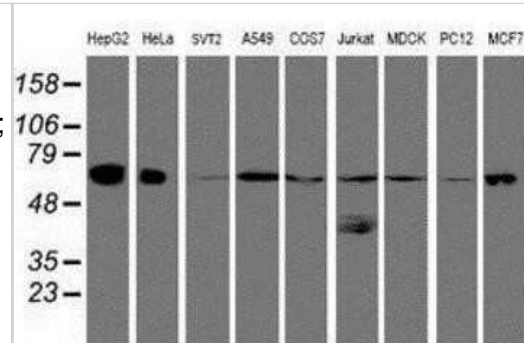
Flow Cytometry: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-UQCRC1 antibody, and then analyzed by flow cytometry.



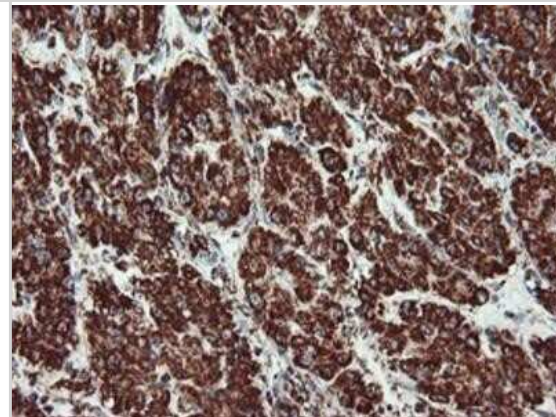
Western Blot: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UQCRC1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UQCRC1.



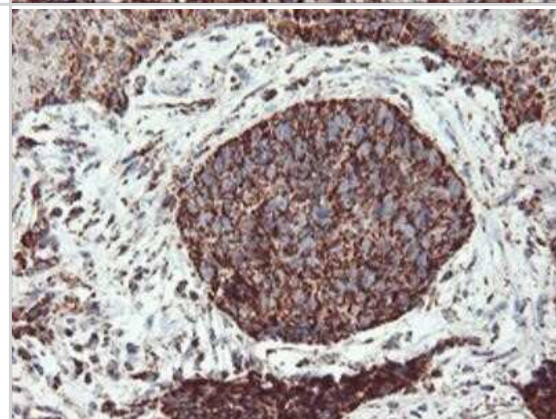
Western Blot: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Analysis of extracts (35ug) from 9 different cell lines by using anti-UQCRC1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



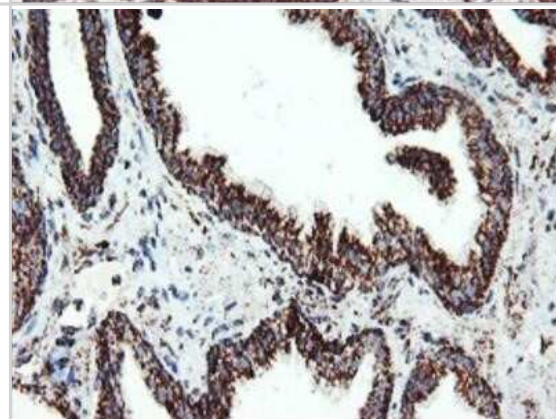
Immunohistochemistry-Paraffin: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-UQCRC1 mouse monoclonal antibody.



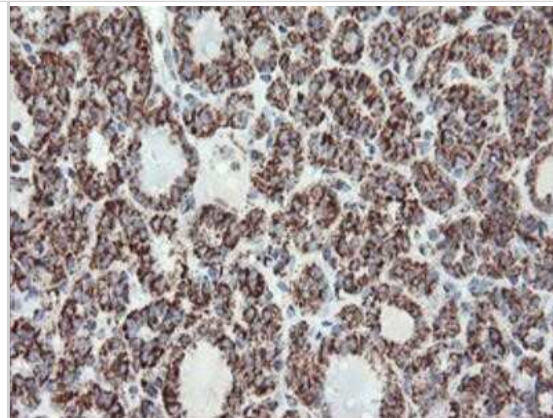
Immunohistochemistry-Paraffin: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-UQCRC1 mouse monoclonal antibody.



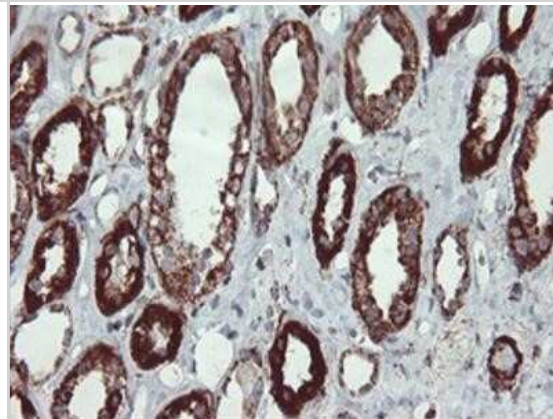
Immunohistochemistry-Paraffin: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-UQCRC1 mouse monoclonal antibody.



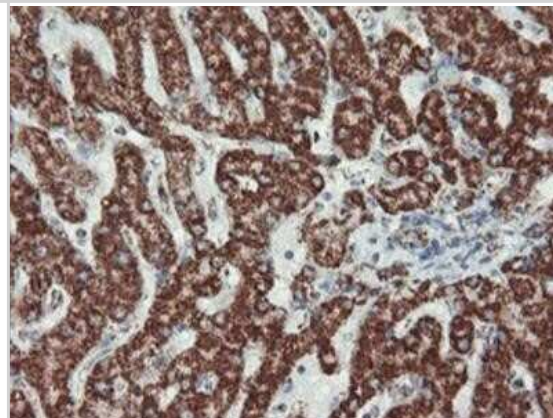
Immunohistochemistry-Paraffin: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-UQCRC1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Staining of paraffin-embedded Human Kidney tissue using anti-UQCRC1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: UQCRC1 Antibody (OTI1G6) [NBP2-03825] - Staining of paraffin-embedded Human liver tissue using anti-UQCRC1 mouse monoclonal antibody.



Publications

Ordog K, Horvath O, Eros K, et al. Mitochondrial protective effects of PARP-inhibition in hypertension-induced myocardial remodeling and in stressed cardiomyocytes *Life sciences* 2021-01-06 [PMID: 33421523]

Horvath O, Ordog K, Bruszt K et al. Modulation of Mitochondrial Quality Control Processes by BGP-15 in Oxidative Stress Scenarios: From Cell Culture to Heart Failure *Oxidative medicine and cellular longevity* 2021-02-27 [PMID: 33728024] (WB, Rat)

Magnoni R, Palmfeldt J, Christensen JH et al. Late onset motoneuron disorder caused by mitochondrial Hsp60 chaperone deficiency in mice. *Neurobiol Dis* 2013-03-02 [PMID: 23466696] (WB, Mouse)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-03825

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-03825

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

