

Product Datasheet

CS Citrate Synthase Antibody (1761) NBP2-43648

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-43648**CS Citrate Synthase Antibody (1761)**

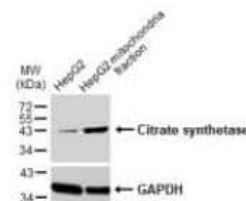
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1761
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	52 kDa

Product Description	
Host	Mouse
Gene ID	1431
Gene Symbol	CS
Species	Human, Mouse, Rat, Zebrafish
Reactivity Notes	Xenopus laevis (91%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Citrate synthetase. The exact sequence is proprietary.

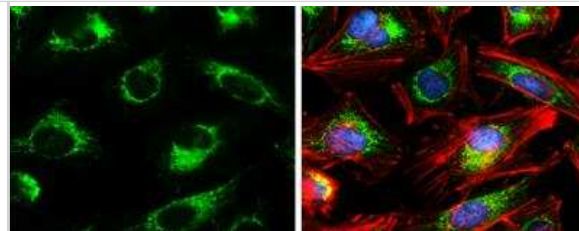
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

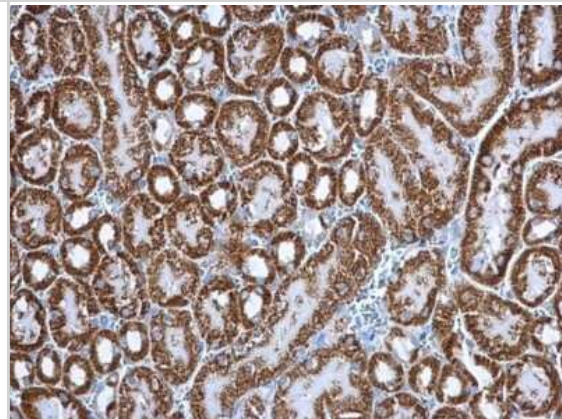
Western Blot: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Non-transfected (Negative) and transfected (Positive) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Citrate synthetase antibody diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



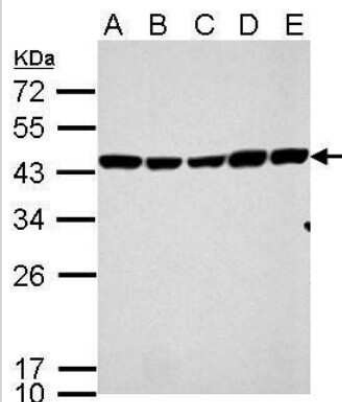
Immunocytochemistry/Immunofluorescence: CS Citrate Synthase Antibody (1761) [NBP2-43648] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Citrate synthetase protein stained by Citrate synthetase antibody [1761] diluted at 1:200. Red: phalloidin, a cytoskeleton marker, diluted at 1:50. Blue: Hoechst 33342 staining.



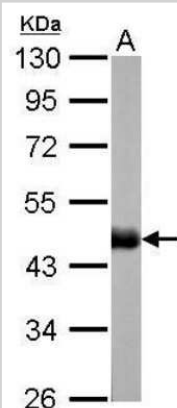
Immunohistochemistry-Paraffin: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Analysis of mouse kidney. Citrate synthetase antibody [1761] dilution: 1:200.



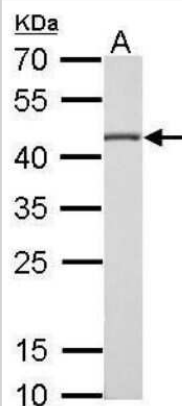
Western Blot: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Analysis of A. 30 ug 293T whole cell lysate/extract B. 30 ug A431 whole cell lysate/extract C. 30 ug HeLa whole cell lysate/extract D. 30 ug HepG2 whole cell lysate/extract E. 30 ug A375 whole cell lysate/extract 12 % SDS-PAGE Citrate synthetase antibody [1761] dilution: 1:1000.



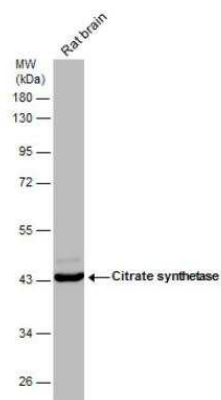
Western Blot: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Analysis of A. 30 ug zebrafish brain lysate/extract 10 % SDS-PAGE Citrate synthetase antibody [1761] dilution: 1:1000



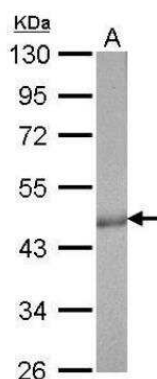
Western Blot: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Analysis of A. 50 ug mouse brain lysate/extract 12 % SDS-PAGE Citrate synthetase antibody [1761] dilution: 1:1000.



Western Blot: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Rat tissue extract (50ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Citrate synthetase antibody [GT1761] diluted at 1:1000.



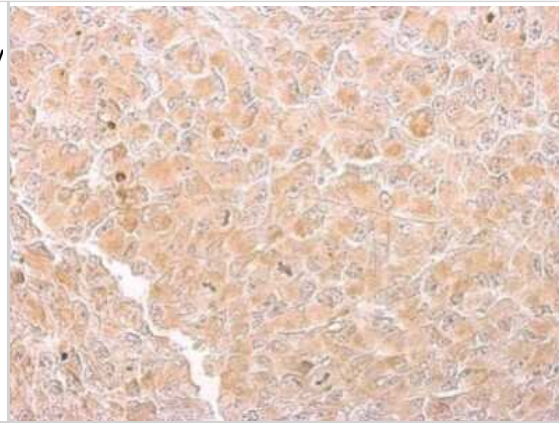
Western Blot: CS Citrate Synthase Antibody (1761) [NBP2-43648] - A. 30 ug zebrafish heart lysate/extract 10 % SDS-PAGE Citrate synthetase antibody [GT1761] dilution: 1:1000



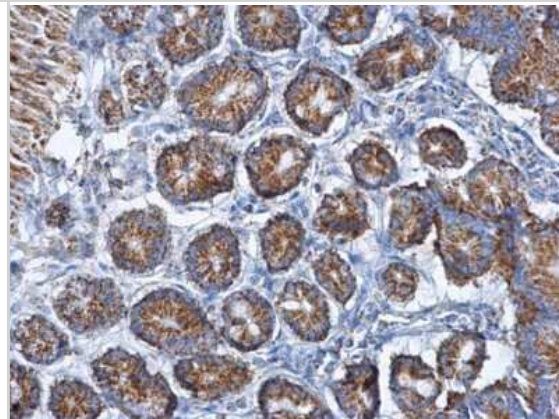
Western Blot: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Citrate synthetase antibody [1761].



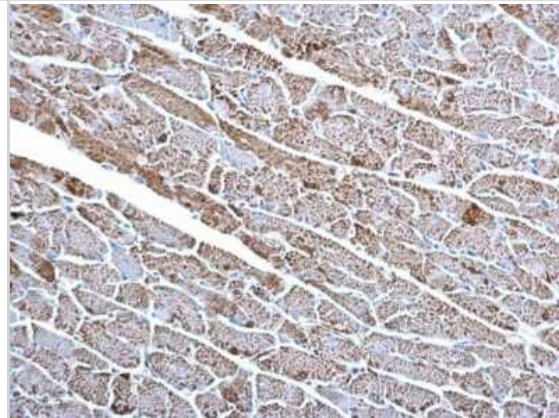
Immunohistochemistry-Paraffin: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Analysis of H1299 xenograft. Citrate synthetase antibody dilution: 1:200.



Immunohistochemistry-Paraffin: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Analysis of mouse duodenum. Citrate synthetase antibody [1761] dilution: 1:200.



Immunohistochemistry-Paraffin: CS Citrate Synthase Antibody (1761) [NBP2-43648] - Analysis of mouse heart. Citrate synthetase antibody [1761] dilution: 1:200.



Publications

Hurr C, Simonyan H, Morgan DA et al. Liver sympathetic denervation reverses obesity-induced hepatic steatosis J. Physiol. (Lond.) 2019-07-06 [PMID: 31278754]



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Products Related to NBP2-43648

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-51818-0.1mg	Recombinant Human CS Citrate Synthase His Protein

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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