

Product Datasheet

COX4 Antibody NBP2-15975

Unit Size: 0.1 ml

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

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NBP2-15975**COX4 Antibody****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	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	20 kDa

Product Description

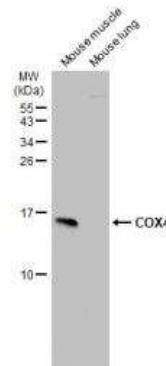
Host	Rabbit
Gene ID	1327
Gene Symbol	COX4I1
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (82%).
Marker	Mitochondria Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human COX4. The exact sequence is proprietary.

Product Application Details

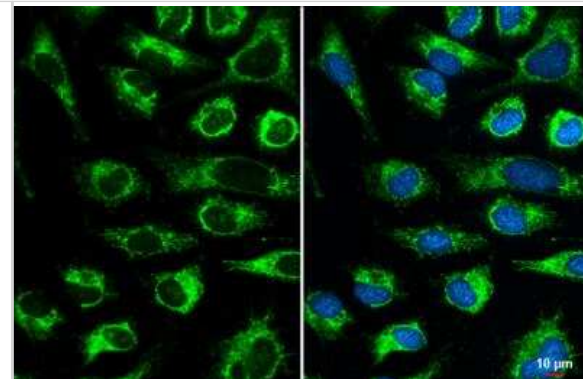
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin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

Images

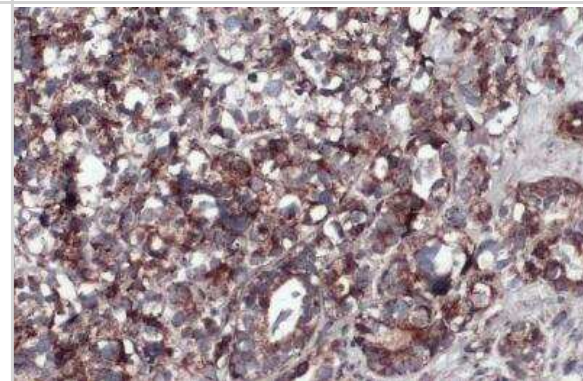
Western Blot: COX4 Antibody [NBP2-15975] - Various tissue extracts (50 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



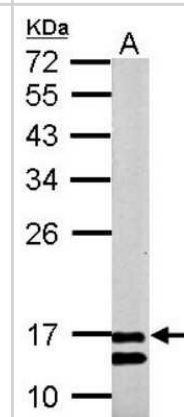
Immunocytochemistry/Immunofluorescence: COX4 Antibody [NBP2-15975] - COX4 antibody detects COX4 protein at mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: COX4 stained by COX4 antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar= 10 μ m.



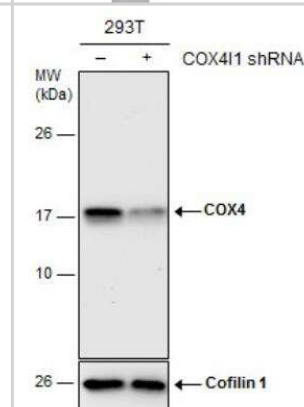
Immunohistochemistry-Paraffin: COX4 Antibody [NBP2-15975] - COX4 antibody detects COX4 protein at mitochondria by immunohistochemical analysis. Sample: Paraffin-embedded human endometrial carcinoma. COX4 stained by COX4 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



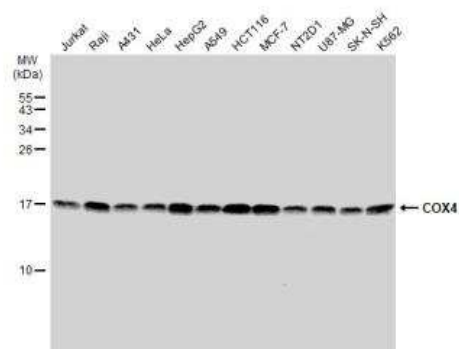
Western Blot: COX4 Antibody [NBP2-15975] - Sample (50 μ g of whole cell lysate) A: rat muscle, 12% SDS PAGE gel, diluted at 1:500.



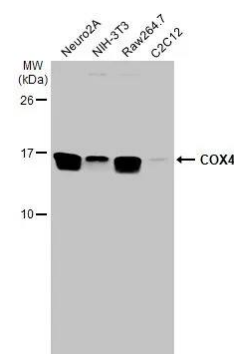
Western Blot: COX4 Antibody [NBP2-15975] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



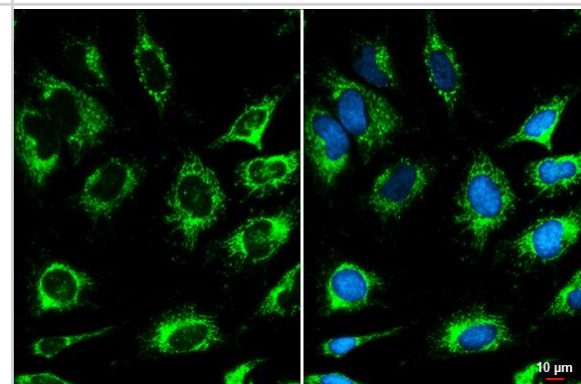
Western Blot: COX4 Antibody [NBP2-15975] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



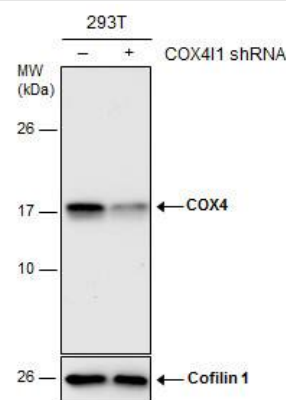
Western Blot: COX4 Antibody [NBP2-15975] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody (NBP2-15975) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunocytochemistry/ Immunofluorescence: COX4 Antibody [NBP2-15975] - COX4 antibody detects COX4 protein at mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: COX4 stained by COX4 antibody (NBP2-15975) diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar= 10 μ m.



Western Blot: COX4 Antibody [NBP2-15975] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-15975

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB110-39115PEP	COX4 Antibody Blocking Peptide

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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