

Product Datasheet

COX4 Antibody (854) - Azide and BSA Free NBP2-43540

Unit Size: 0.1 ml

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

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NBP2-43540

COX4 Antibody (854) - Azide and BSA Free

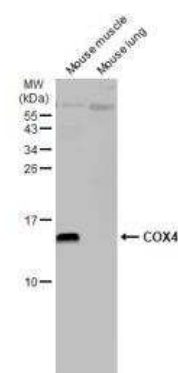
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	854
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	20 kDa

Product Description	
Host	Mouse
Gene ID	1327
Gene Symbol	COX4I1
Species	Human, Mouse, Rat
Reactivity Notes	Bovine (81%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human COX4. The exact sequence is proprietary.

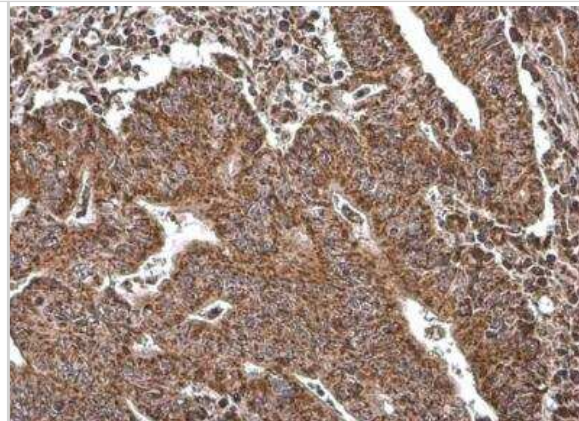
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Simple Western 6 ug/ml, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000
Application Notes	See Simple Western Antibody Database for Simple Western validation: Antibody dilution of 6 ug/ml; matrix was 12-230 kDa; detected by Chemiluminescence.

Images

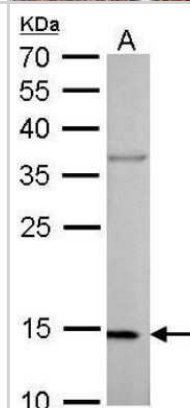
Western Blot: COX4 Antibody (854) [NBP2-43540] - Various tissue extracts (50 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody (854) diluted at 1:1000. HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



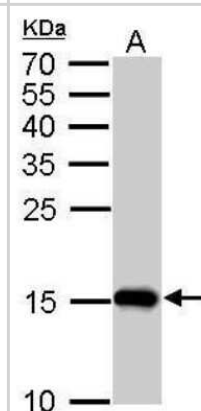
Immunohistochemistry-Paraffin: COX4 Antibody (854) [NBP2-43540] - Human colon cancer. COX4 stained by COX4 antibody [854] diluted at 1:200. Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



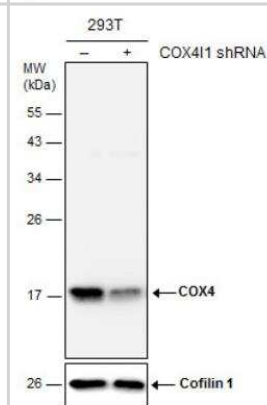
Western Blot: COX4 Antibody (854) [NBP2-43540] - Analysis of A. 50 ug mouse heart lysate/extract 12 % SDS-PAGE COX4 antibody dilution: 1:1000



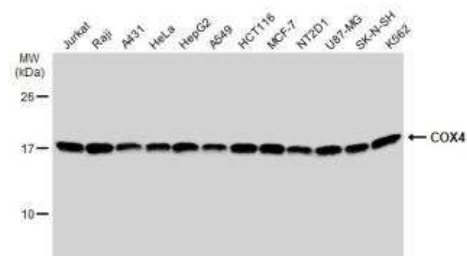
Western Blot: COX4 Antibody (854) [NBP2-43540] - Analysis of A. 50 ug rat muscle lysate/extract 15 % SDS-PAGE COX4 antibody [854] dilution: 1:1000.



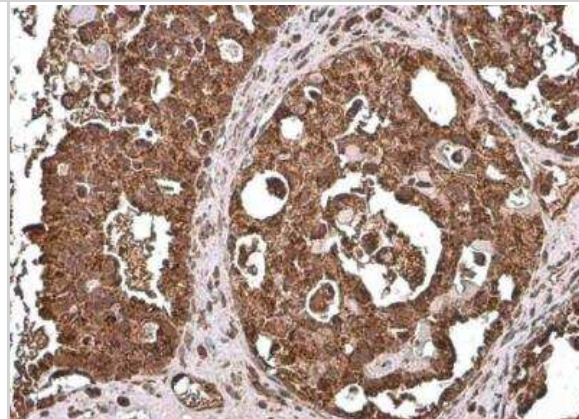
Western Blot: COX4 Antibody (854) [NBP2-43540] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [854]. HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



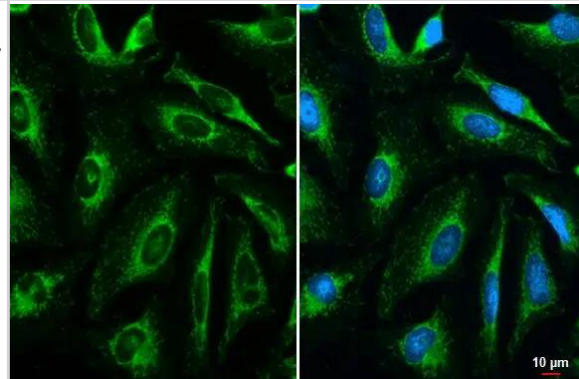
Western Blot: COX4 Antibody (854) [NBP2-43540] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody (854) diluted at 1:1000. HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Immunohistochemistry-Paraffin: COX4 Antibody (854) [NBP2-43540] - Human ovarian cancer. COX4 stained by COX4 antibody [854] diluted at 1:200. Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min.



Immunocytochemistry/ Immunofluorescence: COX4 Antibody (854) [NBP2-43540] - 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 (NBP2-43540) diluted at 1:1000.



Publications

Howell Mc, Green R, Khalil R et Al. Lung cancer cells survive epidermal growth factor receptor tyrosine kinase inhibitor exposure through upregulation of cholesterol synthesis FASEB Bioadv 2020-02-01 [PMID: 32123859] (WB, Mouse, Human)



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Products Related to NBP2-43540

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)
NB110-39115PEP	COX4 Antibody Blocking Peptide

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