

# Product Datasheet

## COX4 Antibody (6310) - Azide and BSA Free NBP2-43629

Unit Size: 0.1 ml

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

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**NBP2-43629**

COX4 Antibody (6310) - Azide and BSA Free

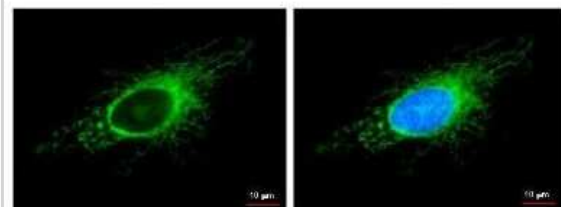
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6310
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	20 kDa

Product Description	
<b>Description</b>	Novus Biologicals Mouse COX4 Antibody (6310) - Azide and BSA Free (NBP2-43629) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1327
<b>Gene Symbol</b>	COX4I1
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (81%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human COX4. The exact sequence is proprietary.

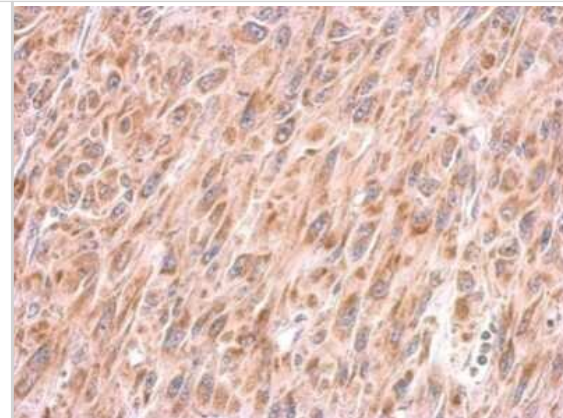
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

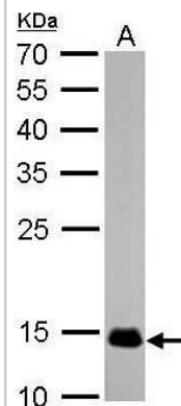
Immunocytochemistry/Immunofluorescence: COX4 Antibody (6310) [NBP2-43629] - Analysis of HeLa cells were fixed in -20? 100% methanol for 5 min. Green: COX4I1 protein stained by COX4I1 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



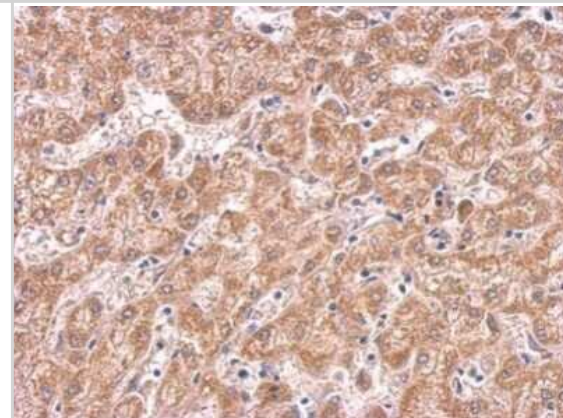
Immunohistochemistry-Paraffin: COX4 Antibody (6310) [NBP2-43629] - Analysis of U87 xenograft. COX4 antibody [6310] dilution: 1:200.



Western Blot: COX4 Antibody (6310) [NBP2-43629] - Analysis of A. 50 ug rat muscle lysate/extract 12 % SDS-PAGE COX4 antibody [6310] dilution: 1:1000



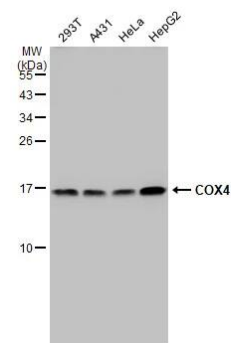
Immunohistochemistry-Paraffin: COX4 Antibody (6310) [NBP2-43629] - Analysis of hepatoma. COX4 antibody [6310] dilution: 1:200.



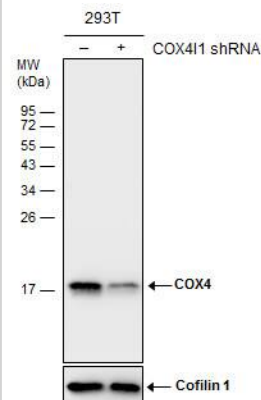
Immunohistochemistry-Paraffin: COX4 Antibody (6310) [NBP2-43629] - COX4 antibody [GT6310] detects COX4 protein at mitochondria by immunohistochemical analysis. Sample: Paraffin-embedded human breast carcinoma. COX4 stained by COX4 antibody [GT6310] (NBP2-43629) diluted at 1:200. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: COX4 Antibody (6310) [NBP2-43629] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [GT6310] (NBP2-43629) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with COX4 antibody [GT6310] (NBP2-43629) diluted at 1:1500.





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### **Products Related to NBP2-43629**

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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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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