

# Product Datasheet

## COX4 Antibody (CL3515) - BSA Free NBP2-61620

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/27/2025 v.20.1

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**NBP2-61620**

COX4 Antibody (CL3515) - BSA Free

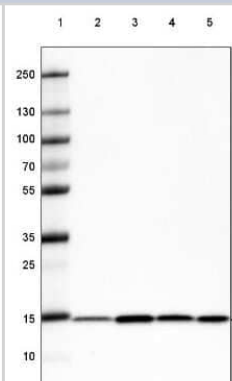
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL3515
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Host</b>	Mouse
<b>Gene ID</b>	1327
<b>Gene Symbol</b>	COX4I1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Expected species cross reactivity based on sequence identity: Rat (80%)
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P13073, with the exact immunogen sequence remaining proprietary.

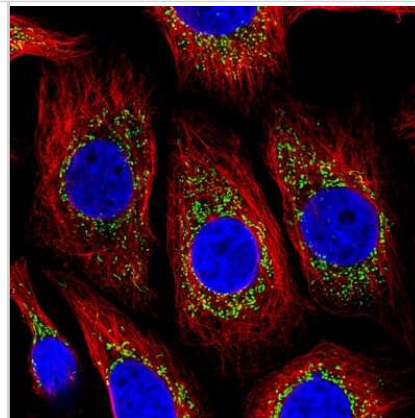
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

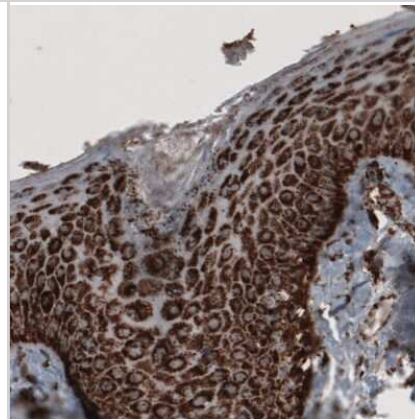
Western Blot: COX4 Antibody (CL3515) [NBP2-61620] - Lane 1: Marker  
 [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10  
 Lane 2: Human cell line HeLa  
 Lane 3: Human cell line HEK 293  
 Lane 4: Human cell line A-431  
 Lane 5: Human cell line HepG2



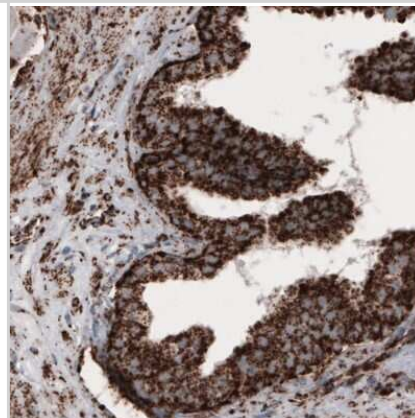
Immunocytochemistry/Immunofluorescence: COX4 Antibody (CL3515) [NBP2-61620] - Staining of MCF7 cells using the Anti-COX411 monoclonal antibody, showing specific staining in mitochondria in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



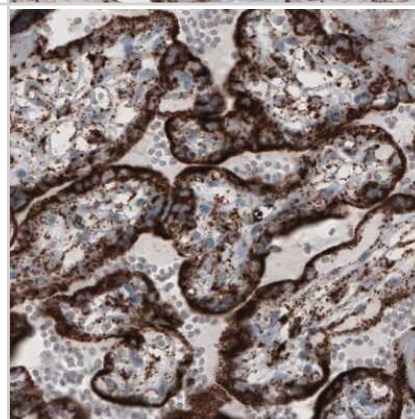
Immunohistochemistry-Paraffin: COX4 Antibody (CL3515) [NBP2-61620] - Staining of human skin shows strong cytoplasmic immunoreactivity in epithelial cells.



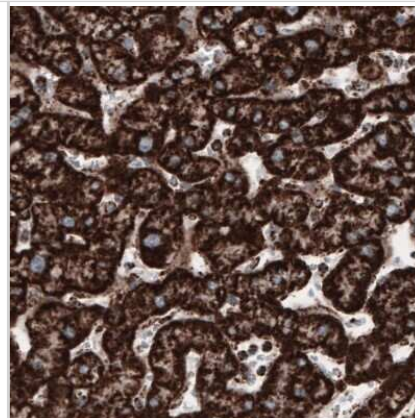
Immunohistochemistry: COX4 Antibody (CL3515) [NBP2-61620] - Staining of human prostate shows strong cytoplasmic immunoreactivity in epithelial cells.



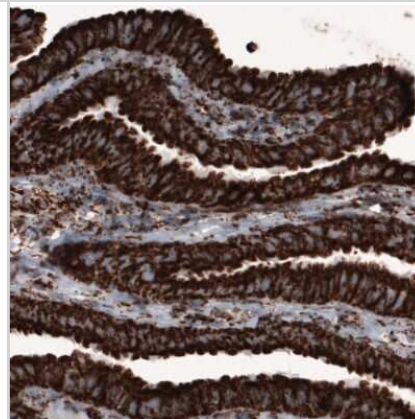
Immunohistochemistry: COX4 Antibody (CL3515) [NBP2-61620] - Staining of human placenta shows strong cytoplasmic immunoreactivity in trophoblasts.



Immunohistochemistry: COX4 Antibody (CL3515) [NBP2-61620] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry: COX4 Antibody (CL3515) [NBP2-61620] - Staining of human fallopian tube shows strong cytoplasmic immunoreactivity in epithelial cells.





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### **Products Related to NBP2-61620**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB110-39115PEP	COX4 Antibody Blocking Peptide

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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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