

# Product Datasheet

## COX4 Antibody (CL3501) - BSA Free NBP2-59777

Unit Size: 100 ul

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

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**NBP2-59777**

COX4 Antibody (CL3501) - BSA Free

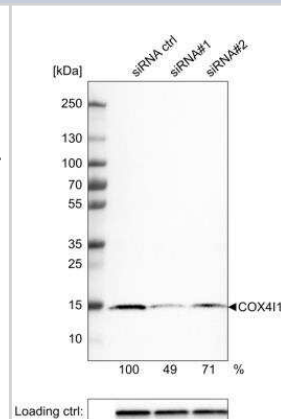
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3501
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	1327
Gene Symbol	COX4I1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P13073, with the exact immunogen sequence remaining proprietary.

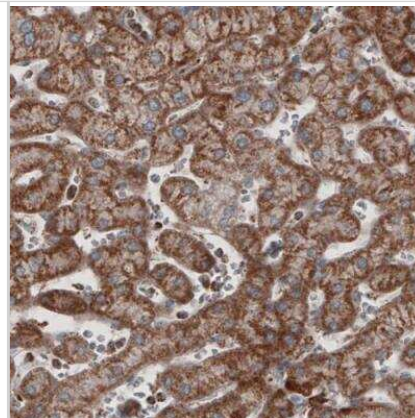
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

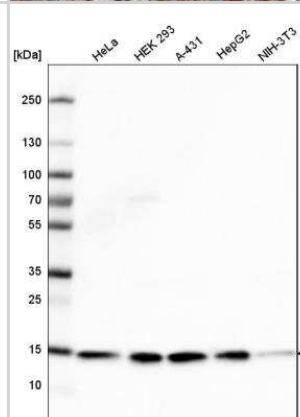
Western Blot: COX4 Antibody (1327) [NBP2-59777] - Analysis of extracts from U-251 cells, transfected with: control siRNA, target specific siRNA probe #1, target specific siRNA probe #2, using Anti-COX4I1 monoclonal antibody. Downregulation of antibody signal confirms target specificity. Remaining % intensity, relative control lane, is indicated. Anti-GAPDH monoclonal antibody was used as loading control.



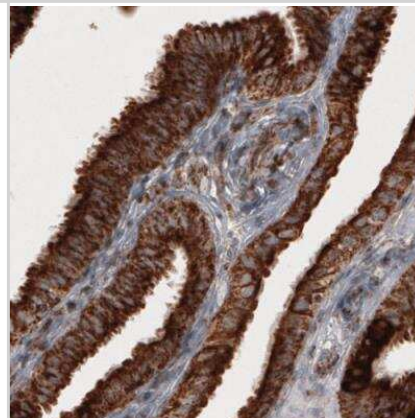
Immunohistochemistry-Paraffin: COX4 Antibody (1327) [NBP2-59777] - Staining of human liver shows cytoplasmic immunoreactivity in hepatocytes.



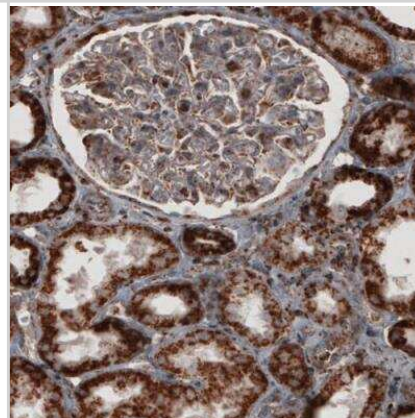
Western Blot: COX4 Antibody (1327) [NBP2-59777] - Analysis in human cell line HeLa, human cell line HEK 293, human cell line A-431, human cell line HepG2 and mouse cell line NIH-3T3.



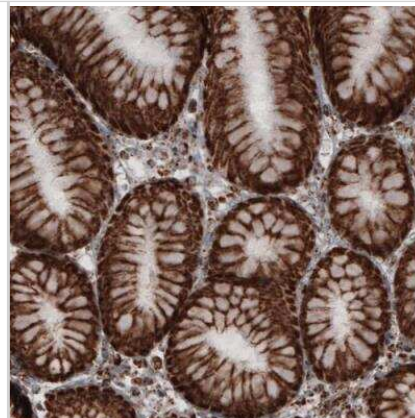
Immunohistochemistry-Paraffin: COX4 Antibody (1327) [NBP2-59777] - Staining of human fallopian tube shows strong cytoplasmic immunoreactivity in epithelial cells.



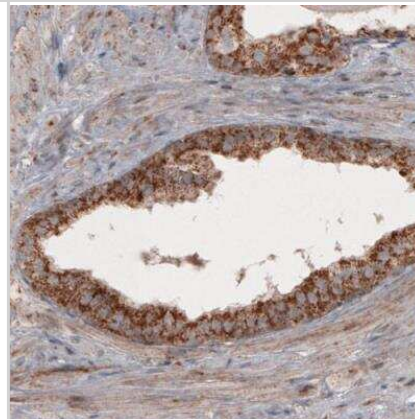
Immunohistochemistry-Paraffin: COX4 Antibody (1327) [NBP2-59777] - Staining of human kidney shows strong cytoplasmic positivity in renal tubules cells.



Immunohistochemistry-Paraffin: COX4 Antibody (1327) [NBP2-59777] - Staining of human stomach shows strong cytoplasmic immunoreactivity in glandular epithelium cells.



Immunohistochemistry-Paraffin: COX4 Antibody (1327) [NBP2-59777] - Staining of human prostate shows cytoplasmic positivity in the epithelial cells.





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### **Products Related to NBP2-59777**

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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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### **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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