

# Product Datasheet

## COX4 Antibody (CL3501) - Azide and BSA Free NBP3-43961

Unit Size: 100 ul

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

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**NBP3-43961**

COX4 Antibody (CL3501) - Azide and BSA Free

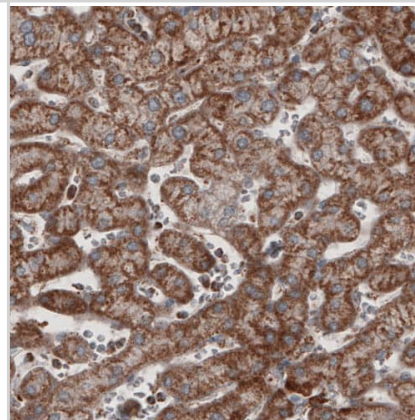
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3501
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2a
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	1327
Gene Symbol	COX4I1
Species	Human, Mouse
Immunogen	This antibody was generated using a recombinant protein sequence of P13073, with the exact immunogen sequence remaining proprietary.

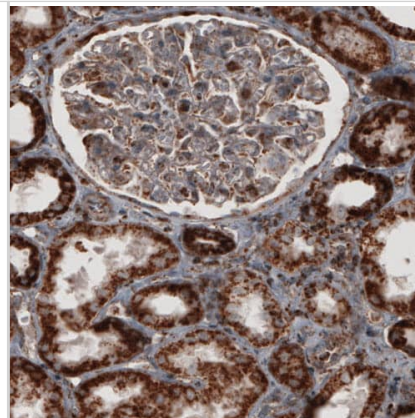
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

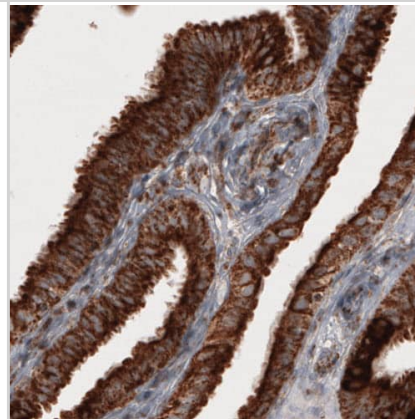
Staining of human liver shows cytoplasmic immunoreactivity in hepatocytes.



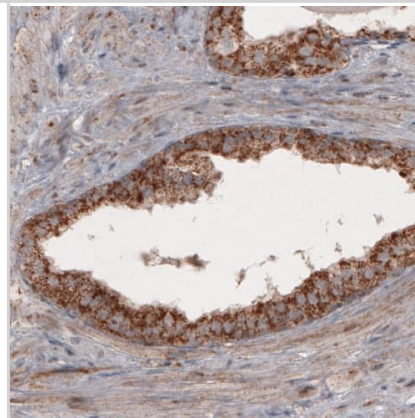
Staining of human kidney shows strong cytoplasmic positivity in renal tubules cells.



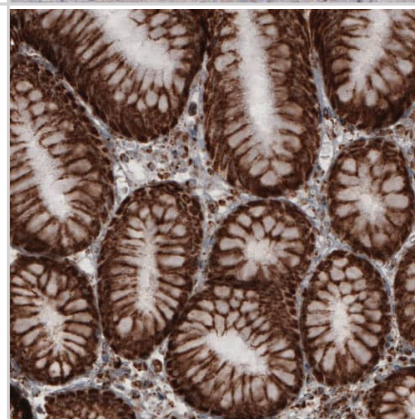
Staining of human fallopian tube shows strong cytoplasmic immunoreactivity in epithelial cells.



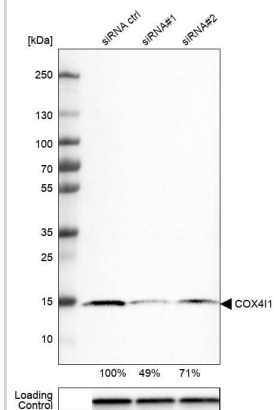
Staining of human prostate shows cytoplasmic positivity in the epithelial cells.



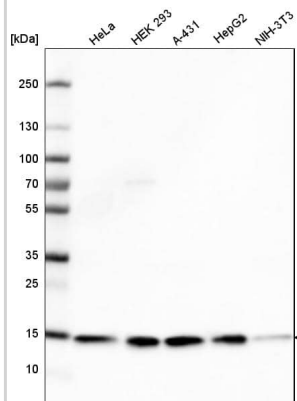
Staining of human stomach shows strong cytoplasmic immunoreactivity in glandular epithelium cells.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-COX4 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



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.





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### **Products Related to NBP3-43961**

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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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