

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 9/9/2025 v.20.1

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NBP2-61620

COX4 Antibody (CL3515) - 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	CL3515
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

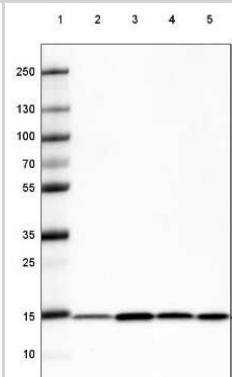
Description	Novus Biologicals Mouse COX4 Antibody (CL3515) - BSA Free (NBP2-61620) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1327
Gene Symbol	COX4I1
Species	Human
Reactivity Notes	Expected species cross reactivity based on sequence identity: Rat (80%)
Immunogen	This antibody was developed using a recombinant protein derived from P13073, with the exact immunogen sequence remaining proprietary.

Product Application Details

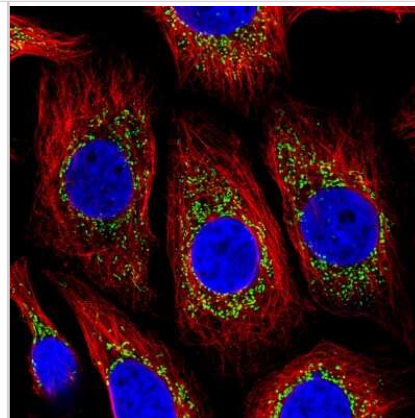
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000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

Images

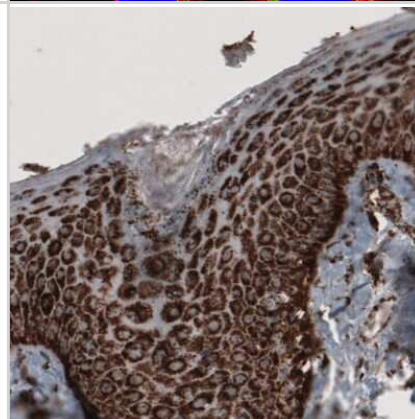
Western Blot: COX4 Antibody (CL3515) [NBP2-61620] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
 Lane 2: Human cell line HeLa
 Lane 3: Human cell line HEK 293
 Lane 4: Human cell line A-431
 Lane 5: Human cell line HepG2



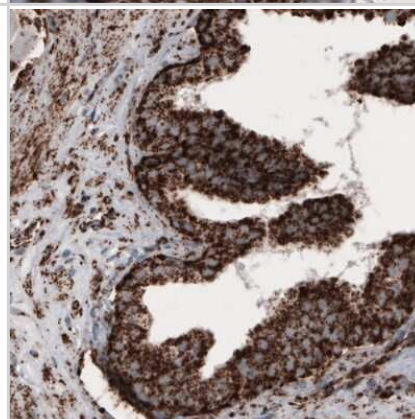
Immunocytochemistry/Immunofluorescence: COX4 Antibody (CL3515) [NBP2-61620] - Staining of MCF7 cells using the Anti-COX4I1 monoclonal antibody, showing specific staining in mitochondria in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



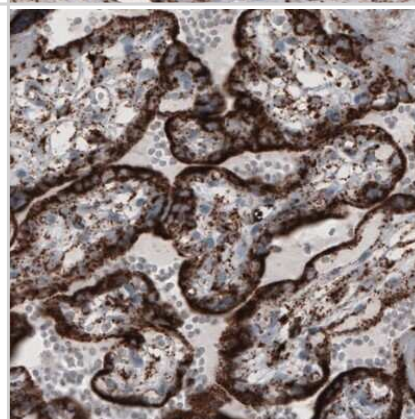
Immunohistochemistry-Paraffin: COX4 Antibody (CL3515) [NBP2-61620] - Staining of human skin shows strong cytoplasmic immunoreactivity in epithelial cells.



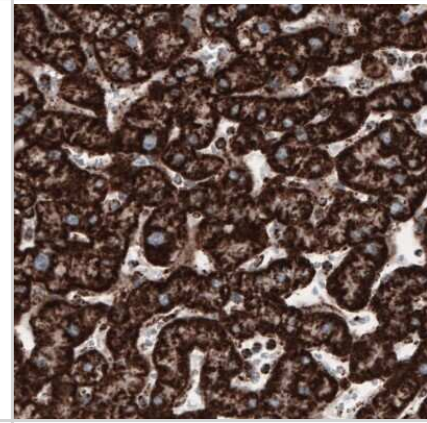
Immunohistochemistry: COX4 Antibody (CL3515) [NBP2-61620] - Staining of human prostate shows strong cytoplasmic immunoreactivity in epithelial cells.



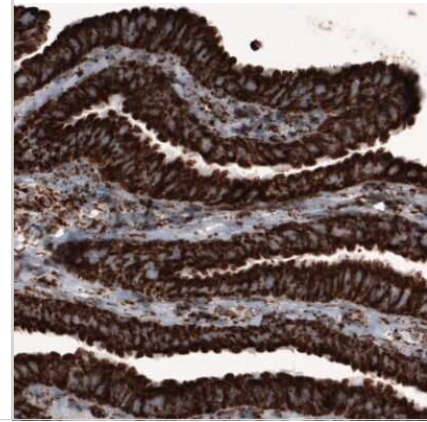
Immunohistochemistry: COX4 Antibody (CL3515) [NBP2-61620] - Staining of human placenta shows strong cytoplasmic immunoreactivity in trophoblasts.



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

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

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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