

Product Datasheet

COX3 Antibody - BSA Free

NBP1-88063

Unit Size: 0.1 ml

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

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Publications: 1

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Updated 9/9/2025 v.20.1

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NBP1-88063

COX3 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

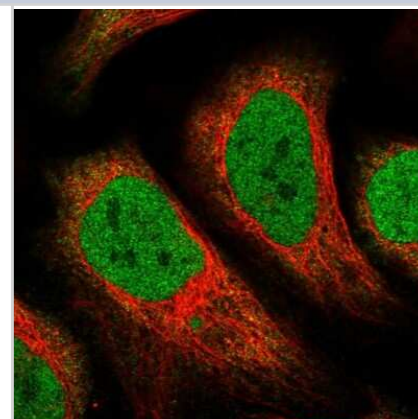
Description	Novus Biologicals Rabbit COX3 Antibody - BSA Free (NBP1-88063) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-COX3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4514
Gene Symbol	COX3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (85%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YHSSLAPTPQLGGHWPPTGITPLNPL

Product Application Details

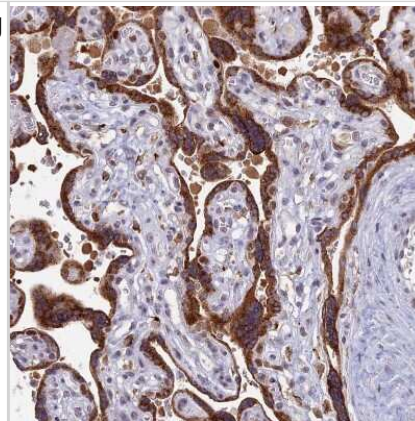
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

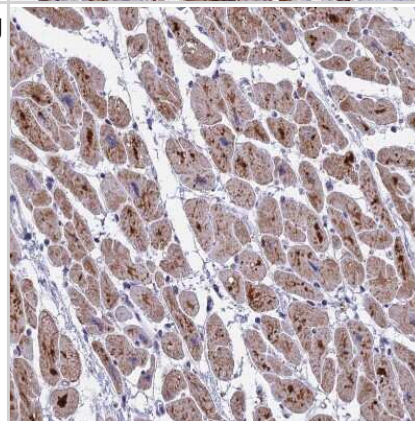
Immunocytochemistry/Immunofluorescence: COX3 Antibody [NBP1-88063] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



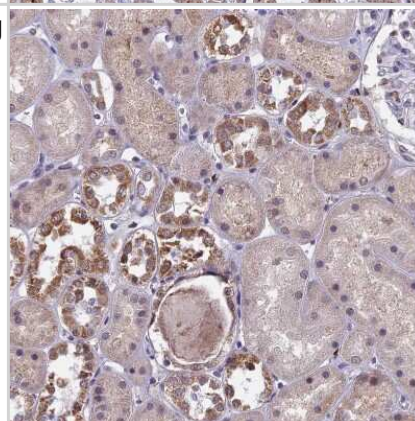
Immunohistochemistry-Paraffin: COX3 Antibody [NBP1-88063] - Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



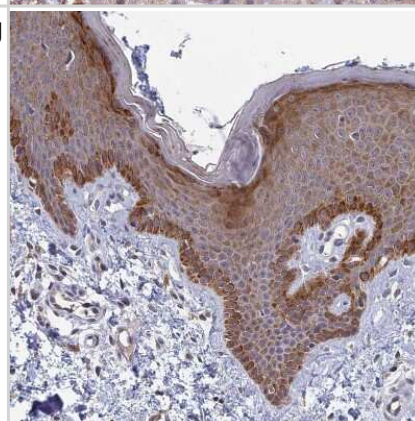
Immunohistochemistry-Paraffin: COX3 Antibody [NBP1-88063] - Staining of human heart muscle shows moderate to strong granular cytoplasmic positivity in cardiomyocytes.



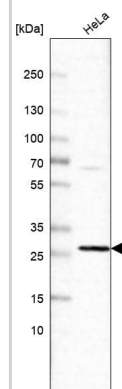
Immunohistochemistry-Paraffin: COX3 Antibody [NBP1-88063] - Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: COX3 Antibody [NBP1-88063] - Staining of human skin shows moderate to strong granular cytoplasmic positivity in squamous epithelial cells.



Analysis in human cell line HeLa.



Publications

Chengxian Xu, Lingxiao Tong, Jia Rao, Qing Ye, Yuxia Chen, Yingying Zhang, Jie Xu, Xiaoting Mao, Feilong Meng, Huijun Shen, Zhihong Lu, Xiaohui Cang, Haidong Fu, Shugang Wang, Weiyue Gu, En-Yin Lai, Min-Xin Guan, Pingping Jiang, Jianhua Mao Heteroplasmic and homoplasmic m.616T>C in mitochondria tRNA Phe promote isolated chronic kidney disease and hyperuricemia JCI Insight 2022-06-08 [PMID: 35472031]





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Products Related to NBP1-88063

NBP1-88063PEP	COX3 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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