

Product Datasheet

COX4 Antibody - BSA Free

NBP1-85498

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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NBP1-85498

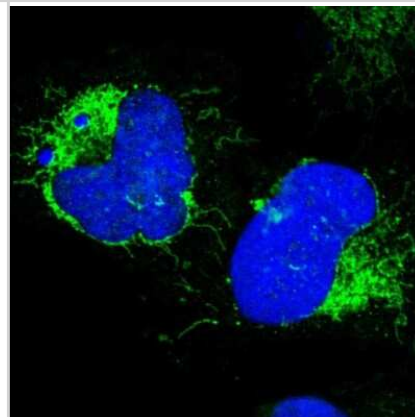
COX4 Antibody - BSA Free

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	
Host	Rabbit
Gene ID	1327
Gene Symbol	COX4I1
Species	Human, Rat
Reactivity Notes	Rat, Human reactivity reported in scientific literature (PMID: 24941246).
Marker	Mitochondria Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LATRVFSLVGKRAISTSVCVRAHESVVKSEDFSLPAYMDRRDHPLPEVAHVKH LSASQKALKEKEKASWSSLSMDEKVELYRIKFKEFAEMNRRGSNEWKT
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	WB reported in scientific literature (PMID: 24941246). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

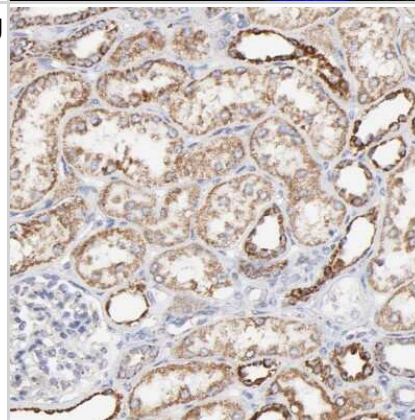


Images

Immunocytochemistry/Immunofluorescence: COX4 Antibody [NBP1-85498] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleus & mitochondria.



Immunohistochemistry-Paraffin: COX4 Antibody [NBP1-85498] - Staining of human kidney shows moderate granular positivity in renal tubules.



Publications

Rice MW, Smith KL, Roberts RC et al. Assessment of Cytochrome C Oxidase Dysfunction in the Substantia Nigra/Ventral Tegmental Area in Schizophrenia. PLoS One 2014-01-01 [PMID: 24941246] (WB, Human, Rat)



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Products Related to NBP1-85498

NBP1-85498PEP	COX4 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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