

Product Datasheet

OXCT1 Antibody - BSA Free

NBP2-49331

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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NBP2-49331

OXCT1 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

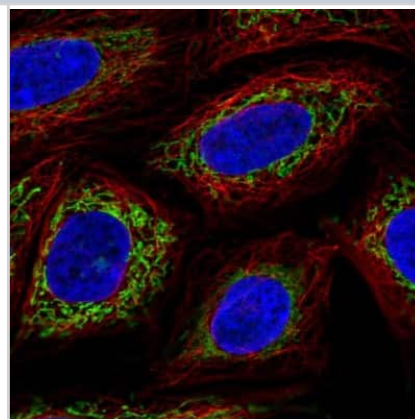
Host	Rabbit
Gene ID	5019
Gene Symbol	OXCT1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ATWYKGCVCSFSTSAHRHTKFYTDPEAVKIDPDGA

Product Application Details

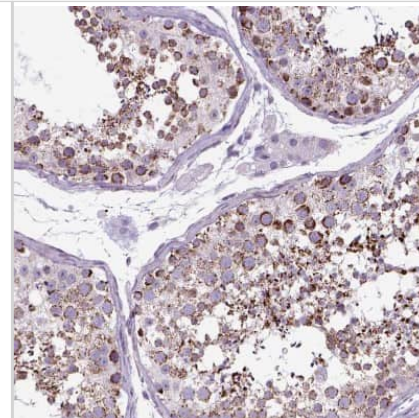
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

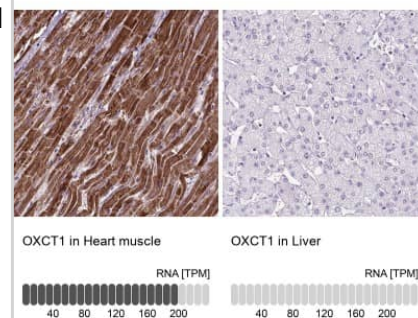
Immunocytochemistry/Immunofluorescence: OXCT1 Antibody [NBP2-49331] - Immunofluorescent staining of human cell line SiHa shows localization to mitochondria.



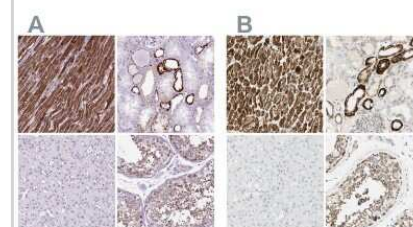
Immunohistochemistry-Paraffin: OXCT1 Antibody [NBP2-49331] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



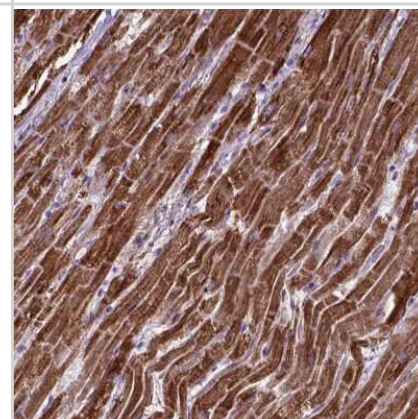
Immunohistochemistry-Paraffin: OXCT1 Antibody [NBP2-49331] - Analysis in human heart muscle and liver tissues. Corresponding OXCT1 RNA-seq data are presented for the same tissues.



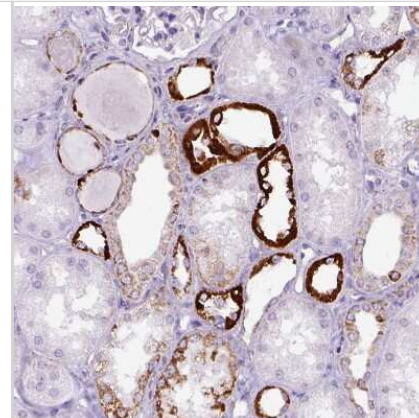
Immunohistochemistry-Paraffin: OXCT1 Antibody [NBP2-49331] - Staining of human heart muscle, kidney, liver and testis using Anti-OXCT1 antibody NBP2-49331 (A) shows similar protein distribution across tissues to independent antibody NBP1-82462 (B).



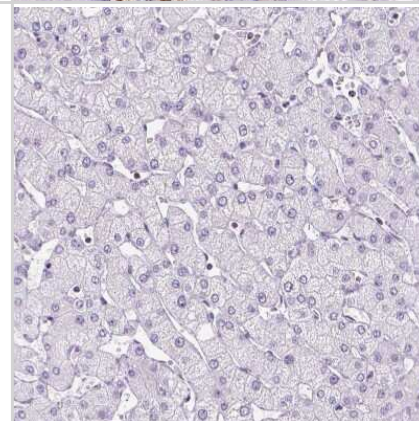
Immunohistochemistry-Paraffin: OXCT1 Antibody [NBP2-49331] - Staining of human heart muscle shows strong cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: OXCT1 Antibody [NBP2-49331] -
Staining of human kidney shows strong cytoplasmic positivity in cells in
tubules.



Immunohistochemistry-Paraffin: OXCT1 Antibody [NBP2-49331] -
Staining of human liver shows no positivity in hepatocytes as expected.





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Products Related to NBP2-49331

NBP2-49331PEP	OXCT1 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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