

Product Datasheet

MT-CO2 Antibody - BSA Free

NBP2-37945

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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NBP2-37945

MT-CO2 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 MT-CO2 Antibody - BSA Free (NBP2-37945) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4513
Gene Symbol	COX2
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: YEYTDYGGGLIFNSYILPPLFLEPGDLRLLDVDNRVVLPIEAPIRIIITS

Product Application Details

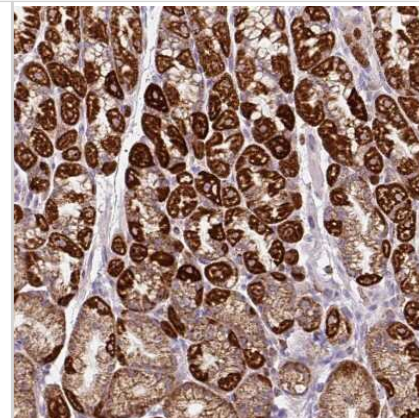
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

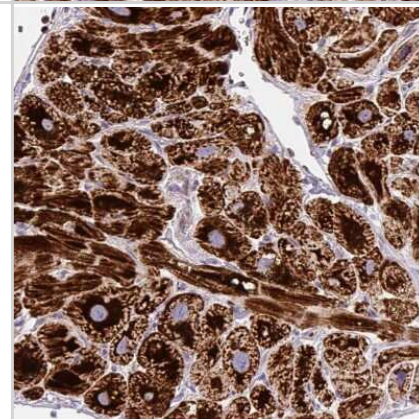
Western Blot: MT-CO2 Antibody [NBP2-37945] - Analysis using Anti-MT-CO2 antibody NBP2-37945 (A) shows similar pattern to independent antibody NBP2-37930 (B).



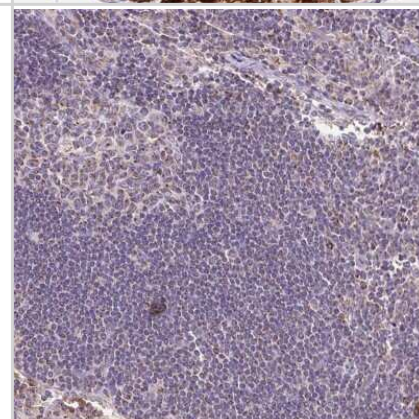
Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human stomach shows strong granular cytoplasmic positivity in parietal cells.



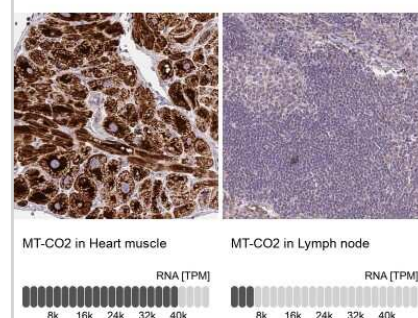
Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human heart muscle shows high expression.



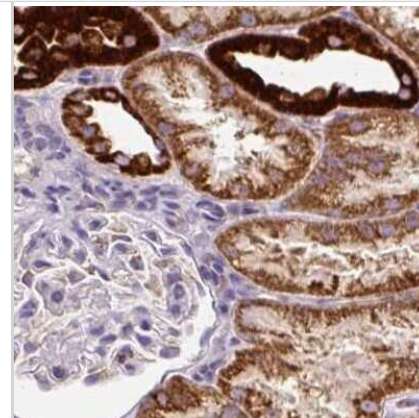
Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human lymph node shows low expression as expected.



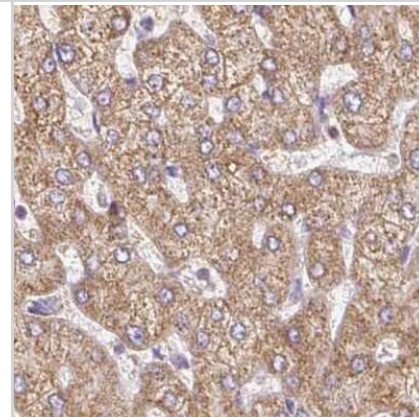
Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining in human heart muscle and lymph node tissues using anti-MT-CO2 antibody. Corresponding MT-CO2 RNA-seq data are presented for the same tissues.



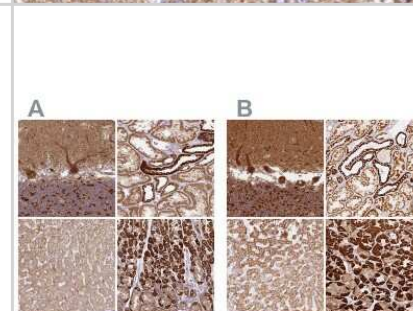
Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human kidney.



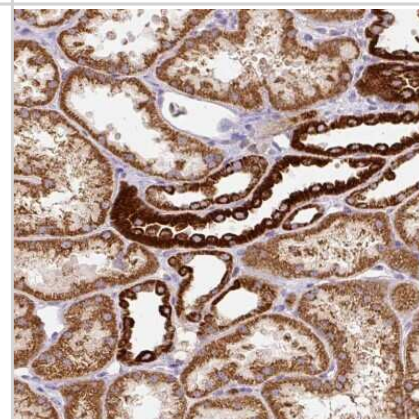
Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human liver.



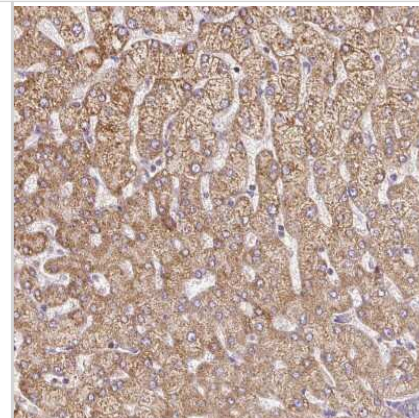
Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human cerebellum, kidney, liver and stomach using Anti-MT-CO2 antibody NBP2-37945 (A) shows similar protein distribution across tissues to independent antibody NBP2-37930 (B).



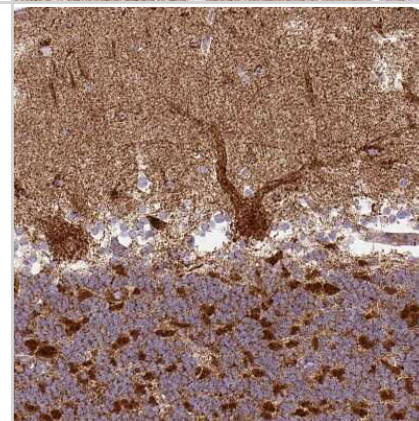
Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human liver shows moderate granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-37945] - Staining of human cerebellum shows strong granular cytoplasmic positivity in Purkinje cells.





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Products Related to NBP2-37945

NBP2-37945PEP	MT-CO2 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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