

Product Datasheet

MT-ND3 Antibody - Azide and BSA Free NBP2-93832-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-93832-0.1ml

MT-ND3 Antibody - Azide and BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	13 kDa

Product Description

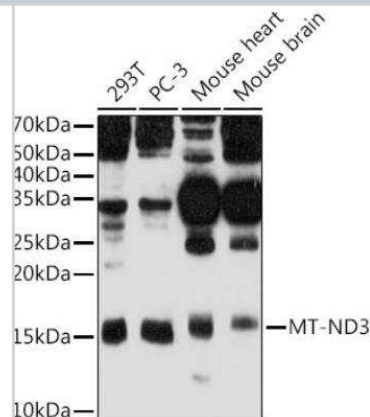
Host	Rabbit
Gene ID	4537
Gene Symbol	ND3
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-70 of human MT-ND3 (YP_003024033.1). MNFALILMINTLLALLLMIITFWLPQLNGYMEKSTPYECGFDPMSPARVPFSMKF FLVAITFLLFDLEIA

Product Application Details

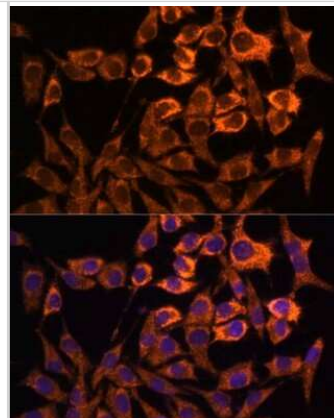
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100 - 1:500, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:100 - 1:500, Immunohistochemistry-Paraffin

Images

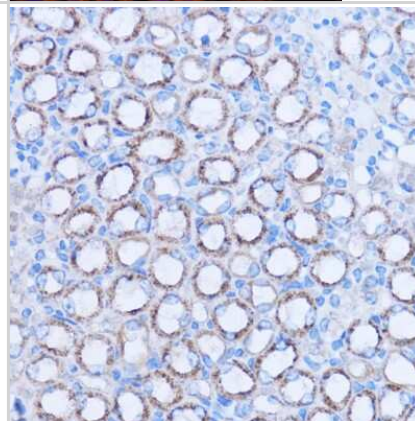
Western Blot: MT-ND3 Antibody [NBP2-93832] - Analysis of extracts of various cell lines, using MT-ND3 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



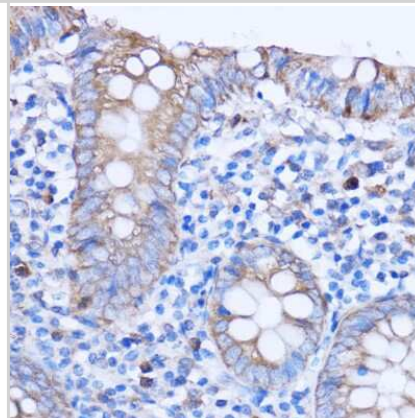
Immunocytochemistry/Immunofluorescence: MT-ND3 Antibody [NBP2-93832] - Analysis of L929 cells using MT-ND3 at dilution of 1:100. Blue: DAPI for nuclear staining.



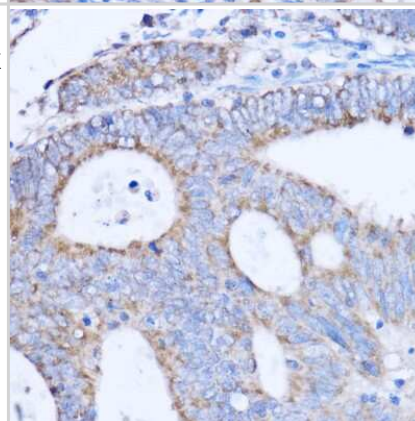
Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-93832] - Mouse kidney using MT-ND3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



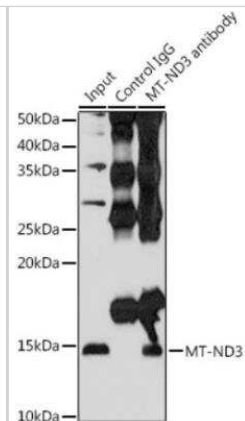
Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-93832] - Human appendix using MT-ND3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-93832] - Human colon carcinoma using MT-ND3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunoprecipitation: MT-ND3 Antibody [NBP2-93832] - Analysis of 200ug extracts of HeLa cells using 3ug MT-ND3 antibody. Western blot was performed from the immunoprecipitate using MT-ND3 antibody at a dilution of 1:500.



Publications

Tan L, Qi X, Kong W et al. A conditional knockout rat resource of mitochondrial protein-coding genes via a DdCBE-induced premature stop codon Science advances 2023-04-14 [PMID: 37058569] (WB, KO, Rat)



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Products Related to NBP2-93832-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38021PEP	MT-ND3 Recombinant Protein Antigen

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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