

Product Datasheet

mtTFA Antibody NBP2-19438

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-19438

mtTFA Antibody

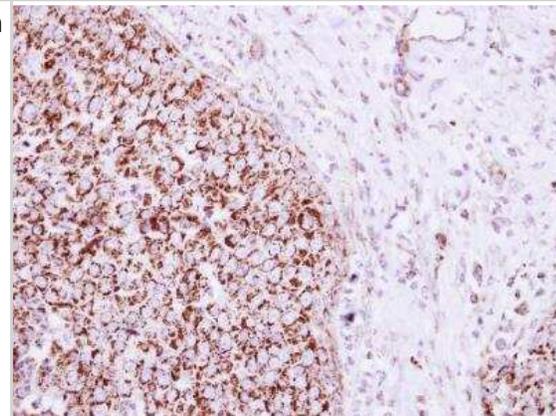
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	29 kDa

Product Description	
Description	Novus Biologicals Rabbit mtTFA Antibody (NBP2-19438) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7019
Gene Symbol	TFAM
Species	Human, Mouse, Rat
Immunogen	Full length human mtTFA Recombinant protein.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

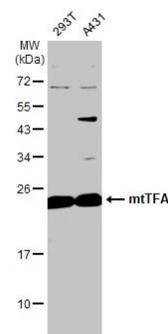
Immunohistochemistry-Paraffin: mtTFA Antibody [NBP2-19438] - Human breast cancer, using mtTFA antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



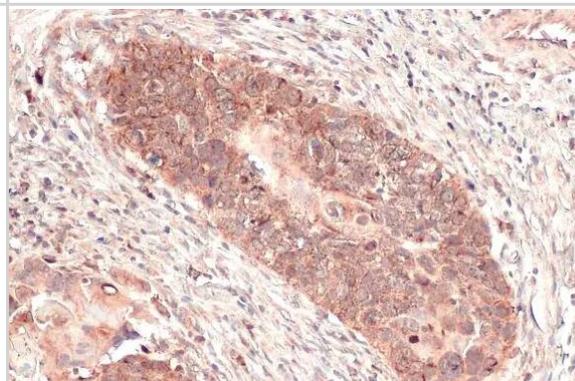
Western Blot: mtTFA Antibody [NBP2-19438] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with mtTFA antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



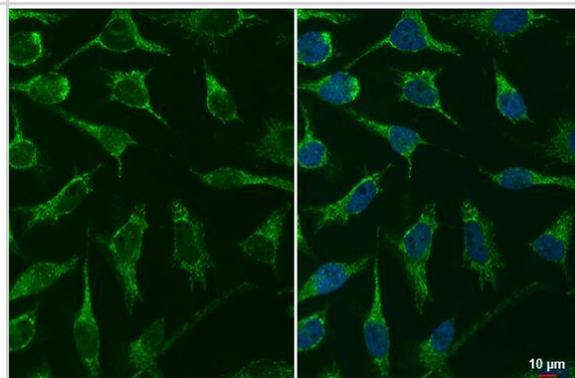
Western Blot: mtTFA Antibody [NBP2-19438] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with mtTFA antibody (NBP2-19438) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



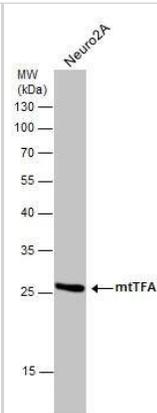
Immunohistochemistry-Paraffin: mtTFA Antibody [NBP2-19438] - mtTFA antibody detects mtTFA protein at mitochondria by immunohistochemical analysis. Sample: Paraffin-embedded human esophageal carcinoma. mtTFA stained by mtTFA antibody (NBP2-19438) diluted at 1:165. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



TFAM antibody detects TFAM protein at mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: TFAM stained by TFAM antibody (NBP2-19438) diluted at 1:1000.



Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with mtTFA antibody (NBP2-19438) diluted at 1:1000.



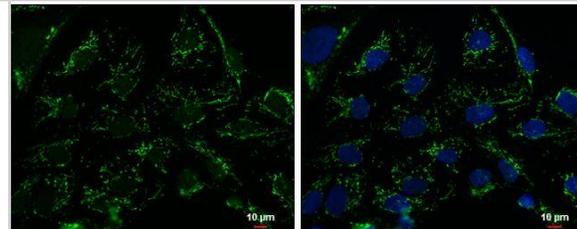
mtTFA antibody detects mtTFA protein at mitochondria by immunofluorescent analysis.

Sample: NT2D1 cells were fixed in 2% paraformaldehyde/culture medium at RT for 30 min.

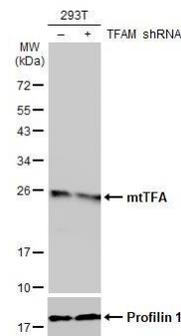
Green: mtTFA protein stained by mtTFA antibody (NBP2-19438) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 um.



Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with mtTFA antibody (NBP2-19438) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



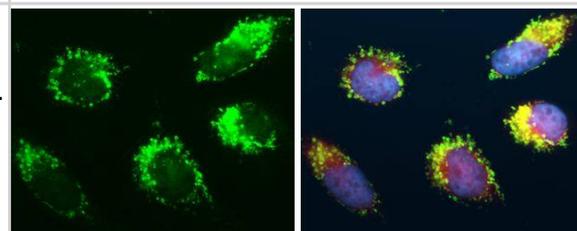
mtTFA antibody detects mtTFA protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

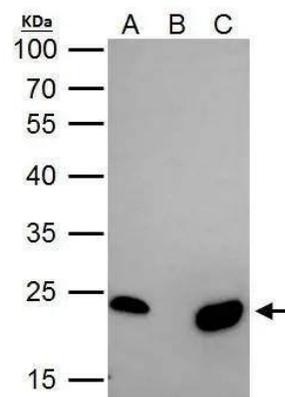
Green: mtTFA protein stained by mtTFA antibody (NBP2-19438) diluted at 1:500.

Red: Mitotracker, a mitochondria marker, diluted at 1:2000.

Blue: Hoechst 33342 staining.



mtTFA antibody immunoprecipitates mtTFA protein in IP experiments. IP Sample: 293T whole cell lysate/extract A. 40 ug 293T whole cell lysate/extract B. Control with 2 ug of preimmune rabbit IgG C. Immunoprecipitation of mtTFA protein by 2 ug of mtTFA antibody (NBP2-19438) 12% SDS-PAGE The immunoprecipitated mtTFA protein was detected by mtTFA antibody (NBP2-19438) diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.





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Products Related to NBP2-19438

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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