

Product Datasheet

mtTFA Antibody (18G102B2E11) - Azide and BSA Free NBP2-80858

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-80858

Updated 4/13/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-80858



NBP2-80858

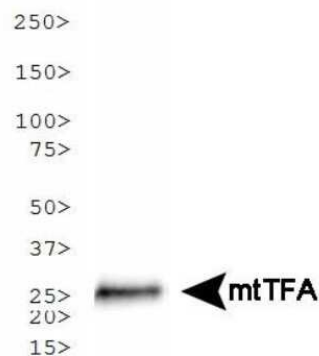
mtTFA Antibody (18G102B2E11) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	18G102B2E11
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	Tris-Glycine, 0.15 M NaCl
Product Description	
Host	Mouse
Gene ID	7019
Gene Symbol	TFAM
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28053692)
Immunogen	Human mtTFA [Swiss-Prot# Q00059]
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:20, Immunohistochemistry 1:200, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:200, Knockout Validated, Knockdown Validated
Application Notes	<p>This mtTFA (18G102B2E11) antibody is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry on paraffin-embedded sections and Western blot, where a band can be seen around 20 - 25 kDa.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: antibody dilution of 1:20. Separated by Size-Wes, Sally Sue/Peggy Sue.</p>

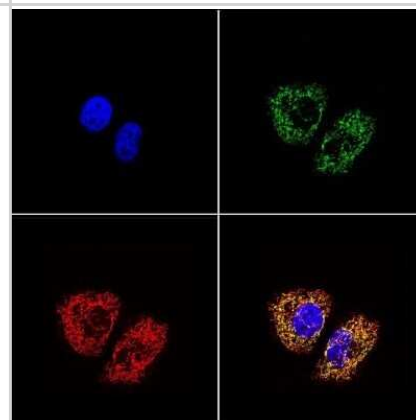


Images

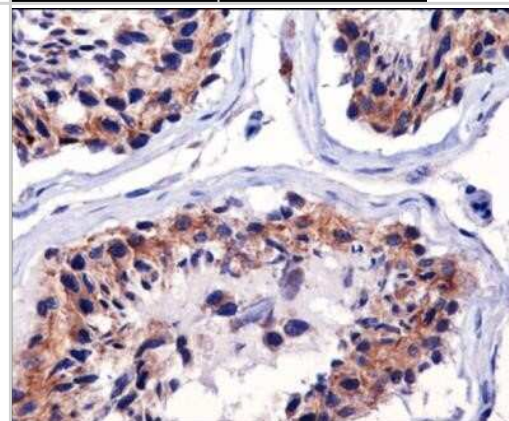
Western Blot: mtTFA Antibody (18G102B2E11) - Azide and BSA Free [NBP2-80858] - Analysis of mtTFA expression in HeLa whole cell lysate. Image from the standard format of this antibody.



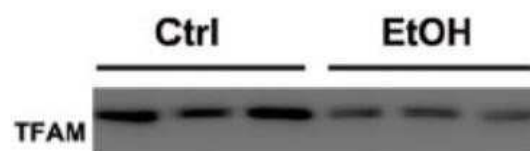
Immunocytochemistry/Immunofluorescence: mtTFA Antibody (18G102B2E11) - Azide and BSA Free [NBP2-80858] - Immunostaining in HeLa cells. C1: DAPI staining 2 nuclei, C2: anti-mtTFA stain with Alexa Fluor 488 secondary ab (green), C3: Mitotracker Red staining mitochondria. Image courtesy of Elizabeth Wang. Image from the standard format of this antibody.



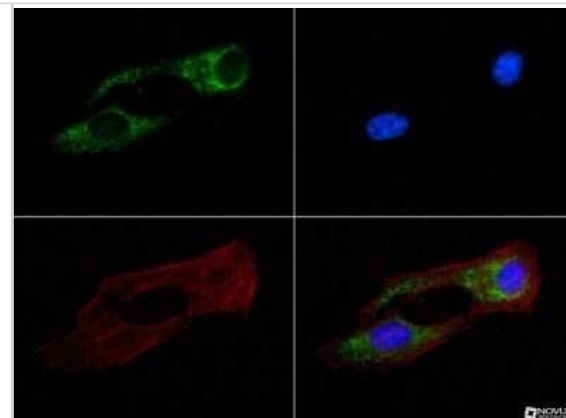
Immunohistochemistry: mtTFA Antibody (18G102B2E11) - Azide and BSA Free [NBP2-80858] - IHC staining of mtTFA on human testis using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



Western Blot: mtTFA Antibody (18G102B2E11) - Azide and BSA Free [NBP2-80858] - Alcohol feeding significantly decreased TFAM expression in rat liver. This image was submitted by a customer review. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: mtTFA Antibody (18G102B2E11) - Azide and BSA Free [NBP2-80858] - Antibody was tested in HeLa cells with FITC (green). Nuclei and actin were counterstained with Dapi (blue) and Phalloidin (red). Image from the standard format of this antibody.



Simple Western: mtTFA Antibody (18G102B2E11) - Azide and BSA Free [NBP2-80858] - Simple Western lane view shows a specific band for mtTFA in 0.5 mg/ml of HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-80858

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-50977-0.01mg	Recombinant Human mtTFA His Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80858

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

