

Product Datasheet

mtTFA Antibody H00007019-D01P

Unit Size: 0.1 mg

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

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H00007019-D01P

mtTFA Antibody

Product Information	
Unit Size	0.1 mg
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	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

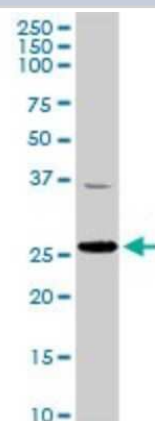
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	7019
Gene Symbol	TFAM
Species	Human, Mouse, Rat
Specificity/Sensitivity	Reacts with transcription factor A, mitochondrial.
Immunogen	TFAM (NP_003192.1, 1 a.a. - 246 a.a.) full-length human protein. MAFLRSMWGVLSALGRSGAELCTGCGSRLRSPFSFVYLPRWFSSVLASCPKK PVSSYLRFSEQLPIFKAQNPDAKTTELIRRIAQRWRELPDSKKKIYQDAYRAE WQVYKEEISRFKEQLTPSQIMSLEKEIMDKHLKRKAMTKKKELTLLGKPKRPRS AYNVYVAERFQEAKGDSPQEKLKTVKENWKNLSDSEKELYIQHAKEDETRYHN EMKSWEEQMIEVGRKDLLRRTIKKQRKYGAEEC
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	This antibody is reactive against tissue and transfected lysate in WB and as a detection antibody in ELISA.

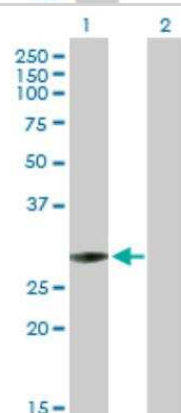


Images

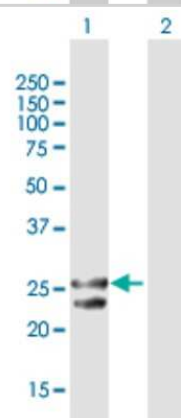
Western Blot: mtTFA Antibody [H00007019-D01P] - Analysis of TFAM expression in mouse liver.



Western Blot: mtTFA Antibody [H00007019-D01P] - analysis of TFAM expression in transfected 293T cell line by TFAM MaxPab rabbit polyclonal antibody. Lane 1: TFAM transfected lysate (29.10 KDa). Lane 2: Non-transfected lysate.



Western Blot: mtTFA Antibody [H00007019-D01P] - Analysis of TFAM expression in transfected 293T cell line by TFAM polyclonal antibody. Lane 1: TFAM transfected lysate (29.10 KDa). Lane 2: Non-transfected lysate.



Publications

Radde BN, Ivanova MM, Mai MX et al. Nuclear respiratory factor-1 and bioenergetics in tamoxifen-resistant breast cancer cells. *Experimental Cell Research* 2016-08-08 [PMID: 27515002]

Petrov D, Luque M, Pedros I et al. Evaluation of the Role of JNK1 in the Hippocampus in an Experimental Model of Familial Alzheimers Disease. *Mol Neurobiol* 2015-11-12 [PMID: 26558630]

Ivanova MM, Radde BN, Son J, Mehta FF et al. Estradiol and tamoxifen regulate NRF-1 and mitochondrial function in mouse mammary gland and uterus. *Society for Endocrinology*. 2010-09-10 [PMID: 23892277]

Ortiz F, Acuna-Castroviejo D, Doerrier C et al. Melatonin blunts the mitochondrial/NLRP3 connection and protects against radiation-induced oral mucositis. *J Pineal Res*. 2014-11-07 [PMID: 25388914]



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
novus@novusbio.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: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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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