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Datasheet for ABIN520833

anti-TFAM antibody (AA 1-246)

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Overview

Quantity:	100 µL
Target:	TFAM
Binding Specificity:	AA 1-246
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human TFAM protein.
Immunogen:	TFAM (NP_003192.1, 1 a.a. ~ 246 a.a) full-length human protein.
Sequence:	MAFLRSMWGV LSALGRSGAE LCTGCGSRLR SPFSFVYLPR WFSSVLASCP KKPVSSYLRF SKEQLPIFKA QNPDAKTTEL IRRIAQRWRE LPDSKKKIYQ DAYRAEWQVY KEEISRFKEQ LTPSQIMSLE KEIMDKHLKR KAMTKKKELT LLGKPKRPRS AYNVYVAERF QEAKGDSPQE KLKTVKENWK NLS DSEKELY IQHAKEDETR YHNEMKSWEE QMIEVGRKDL LRRTIKKQRK YGAEEC
Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	TFAM
Alternative Name:	TFAM (TFAM Products)
Background:	Full Gene Name: transcription factor A, mitochondrial Synonyms: MtTF1,TCF6,TCF6L1,TCF6L2,TCF6L3,mtTFA
Gene ID:	7019
NCBI Accession:	NM_003201
Pathways:	Chromatin Binding

Application Details

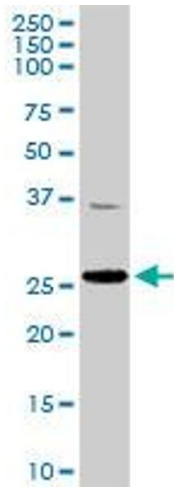
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	No additive
Preservative:	Without preservative
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

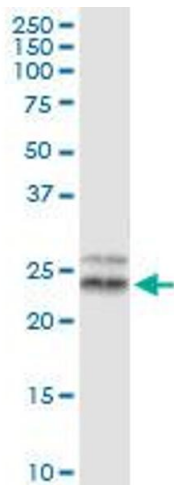
Publications

Product cited in:	<p>Park, Park, Yang, Oh: "Ropinirole protects against 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine (MPTP)-induced neurotoxicity in mice via anti-apoptotic mechanism." in: Pharmacology, biochemistry, and behavior, Vol. 104, pp. 163-8, (2013) (PubMed).</p> <p>Vijayakumar, Wu, Buffin, Li, Sun, Gordon, Yakar, LeRoith: "Skeletal muscle growth hormone receptor signaling regulates basal, but not fasting-induced, lipid oxidation." in: PLoS ONE, Vol. 7, Issue 9, pp. e44777, (2012) (PubMed).</p>
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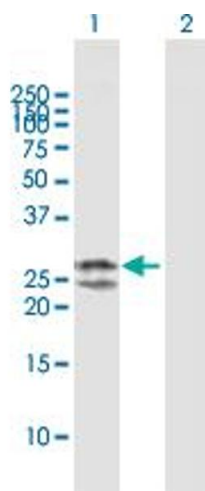
Western Blotting

Image 1. TFAM MaxPab rabbit polyclonal antibody. Western Blot analysis of TFAM expression in mouse liver.



Immunoprecipitation

Image 2. Immunoprecipitation of TFAM transfected lysate using anti-TFAM MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead , and immunoblotted with TFAM purified MaxPab mouse polyclonal antibody (B01P) .



Western Blotting

Image 3. Western Blot analysis of TFAM expression in transfected 293T cell line by TFAM MaxPab polyclonal antibody.

Lane 1: TFAM transfected lysate(29.10 KDa).

Lane 2: Non-transfected lysate.