

Datasheet for ABIN1722377 **anti-TFAM antibody**

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Overview

Quantity:	100 µL
Target:	TFAM
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TFAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human mtTFA [Swiss-Prot# Q00059]
Clone:	18G102B2E11
Isotype:	IgG2b kappa
Specificity:	Reacts with human and rat mtTFA
Purification:	Purified (protein G)

Target Details

Target:	TFAM
Alternative Name:	Transcription factor A (TFAM Products)
Background:	Mitochondrial transcription factor A (mtTFA) is one of the most important transcription factors

Target Details

related to mitochondrial genes. In turn, mtTFA regulates several pathways for metabolism and energy storage in cells. In several metabolic diseases, including insulin-resistance related diabetes, the activity of mtTFA is directly linked to interactions with oxidative stress and fat cell differentiation.

UniProt: [Q00059](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only :
ICC/ IF(1:50) IHC - P(1:200) WB(1:1000)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Tris-glycine, NaCl 150 mM, (pH 7.5), Sodium azide 0.05 %

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.

Expiry Date: 6 months