

Datasheet for ABIN7454483
anti-TFAM antibody (AA 146-196)



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Overview

Quantity:	100 µg
Target:	TFAM
Binding Specificity:	AA 146-196
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAM antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-TFAM Antibody, Affinity Purified
Immunogen:	between AA 146 and 196
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	TFAM
Alternative Name:	TFAM (TFAM Products)
Background:	Background: Transcription factor A, mitochondrial (TFAM) binds to the mitochondrial light

Target Details

strand promoter and functions in mitochondrial transcriptional regulation. TFAM is required for accurate and efficient promoter recognition by the mitochondrial RNA polymerase and promotes transcription initiation from the HSP1 and the light strand promoter by binding immediately upstream of transcriptional start sites. TFMA is required for maintenance of normal levels of mitochondrial DNA and may play a role in organizing and compacting mitochondrial DNA [taken from the Universal Protein Resource (UniProt) Q00059].

Gene ID: 7019

NCBI Accession: [NP_003192](#)

UniProt: [Q00059](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 2 - 10 µg/mg lysate
WB: Not recommended

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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

Expiry Date: 12 months