

A18318

Leader in Biomolecular Solutions for Life Science



MT-CO3 Rabbit pAb

Catalog No.: A18318

1 Publications

Basic Information

Observed MW

Refer to figures

Calculated MW

30kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Predicted to enable electron transfer activity and oxidoreduction-driven active transmembrane transporter activity. Involved in respiratory chain complex IV assembly. Part of respiratory chain complex IV. Implicated in MELAS syndrome.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4514

Swiss Prot

P00414

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 101-200 of human MT-CO3 (YP_003024032.1).

Synonyms

COIII; MTCO3; COX3; MT-CO3

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

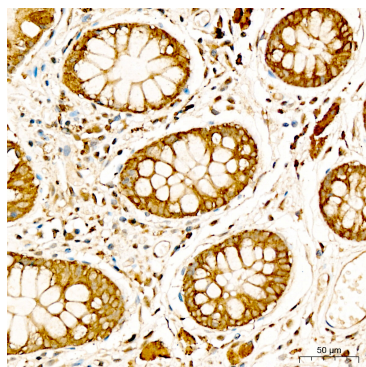
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Contact

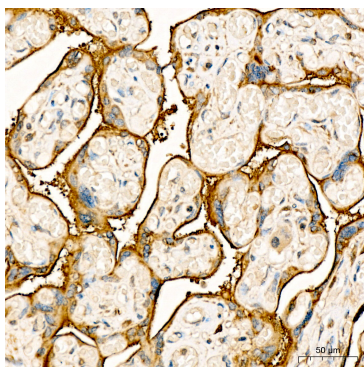


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Validation Data



Immunohistochemistry analysis of paraffin-embedded Human colon using MT-CO3 Rabbit pAb (A18318) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using MT-CO3 Rabbit pAb (A18318) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.