

For Research Use Only

MTCO3 Recombinant antibody

Catalog Number: 84197-1-RR



Basic Information

Catalog Number:

84197-1-RR

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

YP_003024032

GeneID (NCBI):

4514

UNIPROT ID:

P00414

Full Name:

cytochrome c oxidase III

Calculated MW:

30 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

241026E11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue, rat liver tissue, rat kidney tissue

Background Information

MTCO3 (cytochrome c oxidase subunit III) is a mitochondrial DNA encoded subunit of respiratory Complex IV which is located within the mitochondrial inner membrane and is the final enzyme of the electron transport chain of mitochondrial oxidative phosphorylation. The predicted MW of MTCO3 is 30 kDa, while it had been observed as 23 kDa in some papers (PMID: 17557076).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

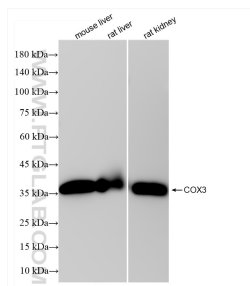
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84197-1-RR (COX3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.