

For Research Use Only

MTCO3 Recombinant antibody, PBS Only

Catalog Number: 84197-1-PBS



Basic Information

Catalog Number: 84197-1-PBS	GenBank Accession Number: YP_003024032	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4514	CloneNo.: 241026E11
Source: Rabbit	UNIPROT ID: P00414	
Isotype: IgG	Full Name: cytochrome c oxidase III	
	Calculated MW: 30 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

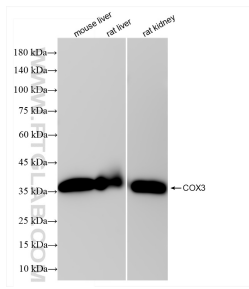
T: 4006900926

E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84197-1-RR (MTCO3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84197-1-PBS in a different storage buffer formulation.