

For Research Use Only

COA5 Polyclonal antibody, PBS Only

Catalog Number: 34046-1-PBS



Basic Information

Catalog Number:

34046-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG41138

GenBank Accession Number:

BC047722

GeneID (NCBI):

493753

UNIPROT ID:

Q86WW8

Full Name:

Cytochrome c oxidase assembly factor 5

Observed MW:

8-12 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

The cytochrome c oxidase assembly factor 5 (COA5) gene, previously denoted as C2orf64, was first reported in humans when a homozygous missense variant (c.157G>C, p.Ala53Pro) in this gene was shown to cause mitochondrial disease. COA5 is a small mitochondrial protein required for an early step in the assembly of cytochrome-c oxidase (complex IV) of the respiratory chain. It contains a conserved twin-CX9C motif, is located in the mitochondrial inner membrane (PMID: 39779219).

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, pH7.3

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

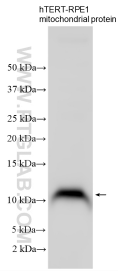
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 34046-1-AP (COA5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 34046-1-PBS in a different storage buffer formulation.