

For Research Use Only

# COA1 Polyclonal antibody

Catalog Number: 25197-1-AP



## Basic Information

Catalog Number:

25197-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18313

GenBank Accession Number:

BC056884

GeneID (NCBI):

55744

UNIPROT ID:

Q9GZY4

Full Name:

Cytochrome c oxidase assembly  
factor 1 homolog

Calculated MW:

146 aa, 17 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:200-1:800

## Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

COA1, also named as C7orf44 and MITRAC15, is a mitochondrial translation regulation assembly intermediate of cytochrome c oxidase protein with MW 15 kDa. It's a component of some MITRAC complex, a cytochrome c oxidase (COX) assembly intermediate complex that regulates COX assembly. COA1 is required for assembly of mitochondrial respiratory chain complex I and complex IV.

## 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

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

T: 4006900926

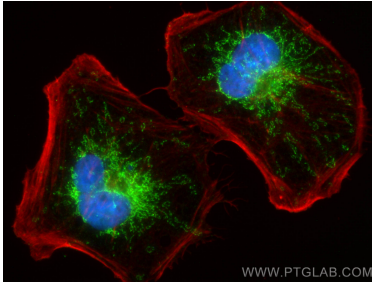
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using COA1 antibody (25197-1-AP) at dilution of 1:400 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).