

For Research Use Only

COA1 Polyclonal antibody, PBS Only

Catalog Number: 25197-1-PBS



Basic Information

Catalog Number: 25197-1-PBS	GenBank Accession Number: BC056884	Purification Method: Antigen affinity purification
Size: 1 mg/ml	GeneID (NCBI): 55744	
Source: Rabbit	UNIPROT ID: Q9GZY4	
Isotype: IgG	Full Name: Cytochrome c oxidase assembly factor 1 homolog	
Immunogen Catalog Number: AG18313	Calculated MW: 146 aa, 17 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
human

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 -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:

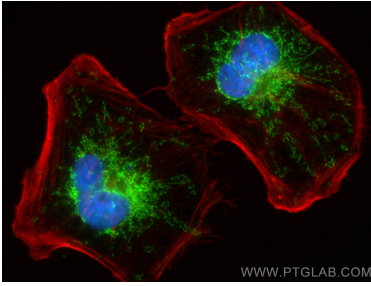
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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). This data was developed using the same antibody clone with 25197-1-PBS in a different storage buffer formulation.