

For Research Use Only

COA1 Polyclonal antibody

Catalog Number: 25197-1-AP



Basic Information

Catalog Number: 25197-1-AP	GenBank Accession Number: BC056884	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 55744	Recommended Dilutions: IF/ICC 1:200-1:800
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, ELISA	Positive Controls: IF/ICC : HeLa cells,
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

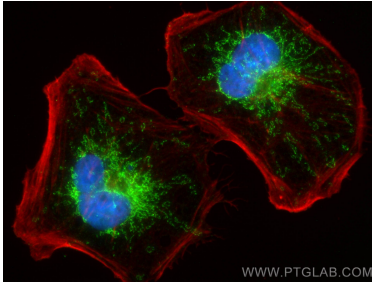
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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).