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C3orf31 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5394c

Product Information

Application	WB, FC, E
Primary Accession	Q96BW9
Other Accession	NP_620162.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26613
Calculated MW	51067
Antigen Region	180-208

Additional Information

Gene ID	132001
Other Names	Phosphatidate cytidylyltransferase, mitochondrial, CDP-diacylglycerol synthase, CDP-DAG synthase, Mitochondrial translocator assembly and maintenance protein 41 homolog, TAM41, TAMM41, C3orf31
Target/Specificity	This C3orf31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-208 amino acids from the Central region of human C3orf31.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	C3orf31 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

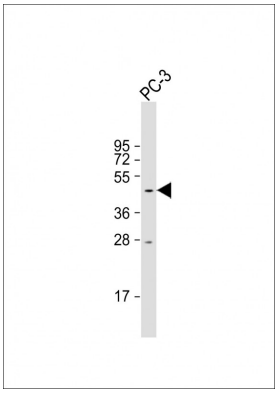
Name	TAMM41
Synonyms	C3orf31

Function	Catalyzes the conversion of phosphatidic acid (PA) to CDP- diacylglycerol (CDP-DAG), an essential intermediate in the synthesis of phosphatidylglycerol, cardiolipin and phosphatidylinositol.
Cellular Location	Mitochondrion inner membrane {ECO:0000250|UniProtKB:D3ZKT0}; Peripheral membrane protein {ECO:0000250|UniProtKB:D3ZKT0}; Matrix side {ECO:0000250|UniProtKB:P53230}

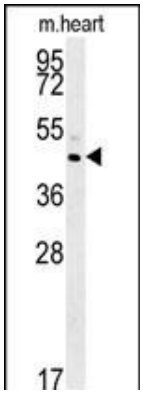
References

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :

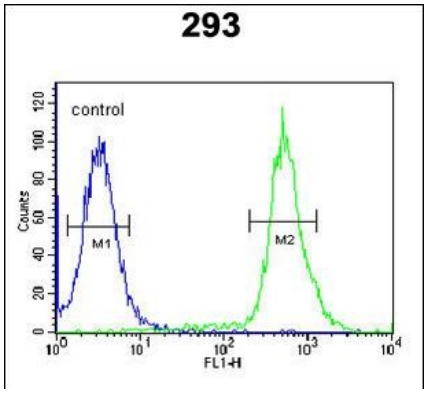
Images



Anti-C3orf31 Antibody (Center) at 1:1000 dilution + PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



C3orf31 Antibody (Center)(Cat. #AP5394c) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the C3orf31 antibody detected C3orf31 protein (arrow).



C3orf31 Antibody (Center) (Cat. #AP5394c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.