

C3orf31 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5394c**Specification**

C3orf31 Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	O96BW9
Other Accession	NP_620162.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51067
Antigen Region	180-208

C3orf31 Antibody (Center) - Additional Information**Gene ID** 132001**Other Names**

Phosphatidate cytidyltransferase, 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

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.

C3orf31 Antibody (Center) - 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

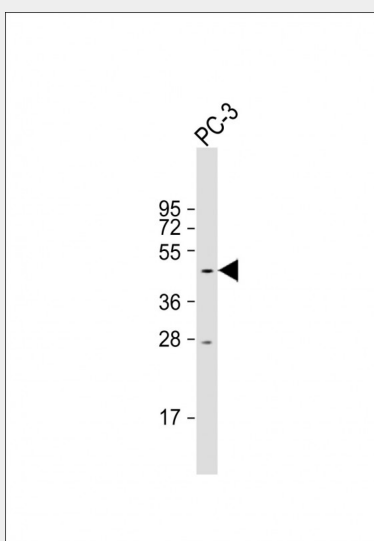
Mitochondrion inner membrane {ECO:0000250|UniProtKB:D3ZKT0}; Peripheral membrane protein {ECO:0000250|UniProtKB:D3ZKT0}; Matrix side {ECO:0000250|UniProtKB:P53230}

C3orf31 Antibody (Center) - Protocols

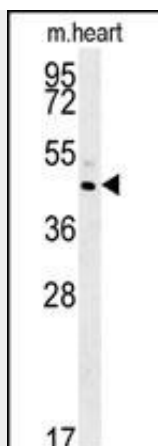
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

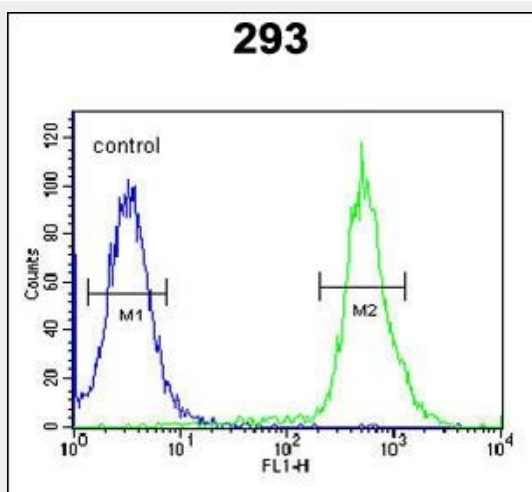
C3orf31 Antibody (Center) - Images



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.

C3orf31 Antibody (Center) - References

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