

Rabbit anti-Human, mouse C3orf31 Polyclonal Antibody | anti-TAMM41 antibody

C3orf31 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283700	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

C3orf31; Polyclonal Antibody; C3orf31 Antibody (Center); Phosphatidate cytidyltransferase; mitochondrial; CDP-diacylglycerol synthase; CDP-DAG synthase; Mitochondrial translocator assembly and maintenance protein 41 homolog; TAM41; TAMM41; anti-TAMM41 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	180-208
Sequence Length	316
Applicable Applications for anti-TAMM41 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

C3orf31 Antibody (Center) 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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-TAMM41 antibody	Signal Transduction
References	Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	20270367
NCBI GeneID	132001
NCBI Accession #	NP_620162.1
NCBI GenBank Nucleotide #	NM_138807.3
UniProt Accession #	Q96BW9; B4DIY7; C9J2U4
Molecular Weight	51067
NCBI Official Full Name	phosphatidate cytidyltransferase, mitochondrial isoform b
NCBI Official Synonym Full Names	TAM41, mitochondrial translocator assembly and maintenance protein, homolog (S. cerevisiae)
NCBI Official Symbol	TAMM41
NCBI Official Synonym Symbols	RAM41; TAM41; C3orf31
NCBI Protein Information	phosphatidate cytidyltransferase, mitochondrial
UniProt Protein Name	Phosphatidate cytidyltransferase, mitochondrial
UniProt Gene Name	TAMM41
UniProt Synonym Gene Names	C3orf31; CDP-DAG synthase; TAM41
UniProt Entry Name	TAM41_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/c3orf31-antibody-flow-cytometry-western-blot-elisa/283700>