

Rabbit anti-Human, Mouse C3orf31 Polyclonal Antibody | anti-C3orf31 antibody

C3orf31 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328033	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

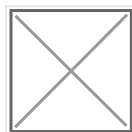
PRODUCT SYNONYMS

C3orf31; Polyclonal Antibody; C3orf31 Antibody; CDP-DAG synthase; CDP-diacylglycerol synthase; Chromosome 3 open reading frame 31; MGC16471; Mitochondrial translocator assembly and maintenance protein 41 homolog; MMP37 like protein; MMP37 like protein mitochondrial; Phosphatidate cytidyltransferase; mitochondrial; RAM41; TAM41; mitochondrial translocator assembly and maintenance protein; homolog (S. cerevisiae); TAM41_HUMAN; TAMM41; translocator assembly and maintenance; S. cerevisiae; anti-C3orf31 antibody

PRODUCT SPECIFICATIONS

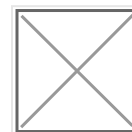
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	C3orf31 antibody detects endogenous levels of total C3orf31
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-C3orf31 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human C3orf31
Subcellular Location	Mitochondrion Inner Membrane.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA328033 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of C3orf31 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-C3orf31 antibody	Function: Catalyzes the formation of CDP-diacylglycerol (CDP-DAG) from phosphatidic acid (PA) in the mitochondrial inner membrane. Required for the biosynthesis of the dimeric phospholipid cardiolipin, which stabilizes supercomplexes of the mitochondrial respiratory chain in the mitochondrial inner membrane (By similarity). Similarity: Belongs to the TAM41 family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	548923669
NCBI GeneID	132001
NCBI Accession #	NP_001271330.1
NCBI GenBank Nucleotide #	NM_001284401.1
UniProt Accession #	Q96BW9; B4DIY7; C9J2U4
Molecular Weight	Observed: 51 kDa Predicted: 52 kDa
NCBI Official Full Name	phosphatidate cytidyltransferase, mitochondrial isoform a
NCBI Official Synonym Full Names	TAM41 mitochondrial translocator assembly and maintenance homolog
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/c3orf31-antibody-immunohistochemistry-western-blot-elisa/328033>