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Datasheet for ABIN1695743

**anti-TAM41 antibody (AA 101-200) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	TAM41 (TAMM41)
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAM41 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C3ORF31
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig
Purification:	Purified by Protein A.

## Target Details

Target:	TAM41 (TAMM41)
Alternative Name:	C3orf31 ( <a href="#">TAMM41 Products</a> )
Background:	Synonyms: C3orf31, Chromosome 3 open reading frame 31, MGC16471, MMP37 like protein,

## Target Details

MMP37 like protein mitochondrial, MMP37-like protein, mitochondrial, MMP37\_HUMAN.

Background: C3orf31 (chromosome 3 open reading frame 31), also known as MGC16471 or DKFZp434E0519, is a 316 amino acid mitochondrial protein that belongs to the MMP37 family and may be involved in translocation of transit peptide-containing proteins across the mitochondrial inner membrane. C3orf24 is encoded by a gene that maps to human chromosome 3p25.2. Chromosome 3 is made up of approximately 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.

Gene ID: 132001

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months