



## Rabbit Anti-C3ORF31 antibody

SL15173R

<b>Product Name:</b>	C3ORF31
<b>Chinese Name:</b>	3号染色体开放阅读框31抗体
<b>Alias:</b>	C3orf31; Chromosome 3 open reading frame 31; MGC16471; MMP37 like protein; MMP37 like protein mitochondrial; MMP37-like protein, mitochondrial; MMP37_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	33kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human C3ORF31 :101-200/316
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**Function:**

May be involved in the translocation of transit peptide-containing proteins across the mitochondrial inner membrane (By similarity).

**Subcellular Location:**

Mitochondrion (By similarity).

**Similarity:**

Belongs to the MMP37/TAM41 family.

**SWISS:**

Q96BW9

**Gene ID:**

132001

**Database links:**

[Entrez Gene: 514330](#)Cow

[Entrez Gene: 100725702](#)Guinea pig

[Entrez Gene: 100051402](#)Horse

[Entrez Gene: 132001](#)Human

[Entrez Gene: 362419](#)Rat

[Entrez Gene: 641323](#)Zebrafish

[Omim: 614948](#)Human

[SwissProt: Q32L81](#)Cow

[SwissProt: Q96BW9](#)Human

[SwissProt: Q3TUH1](#)Mouse

[SwissProt: Q3B7H2](#)Zebrafish

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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