SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C3orf23 antibody

Catalog Number: SL15169R

FOR RESEARCH USE ONLY

[DATASHEET]

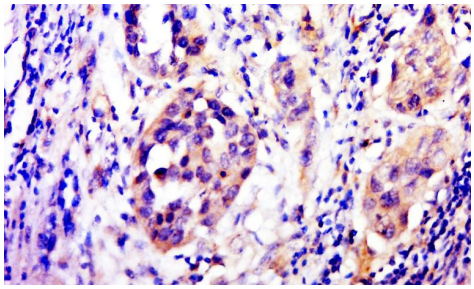
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C3orf23
Immunogen:	KLH conjugated synthetic peptide derived from human C3orf23
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Rabbit)
Predicted MW.:	58kDa
Subcellular Location:	cytoplasmic Mitochondrion
Background:	C3orf23 (chromosome 3 open reading frame 23), also known as FLJ41686, MGC119530, MGC119531, MGC119532, MGC119533 or DKFZp313N062, is a 496 amino acid protein that exists as four alternatively spliced isoforms. C3orf23 is encoded by a gene mapping to human chromosome 3p21.33. 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.

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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	Function: May regulate T-cell apoptosis (By similarity). **Subcellular Location:** Mitochondrion (By similarity). **Database links:** **Entrez Gene:** 285343 Human **SwissProt:** Q8N3R3 Human **SwissProt:** Q66JZ4 Mouse **Unigene:** 55131 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (human esophagus cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C3orf23) Polyclonal Antibody, Unconjugated (SL15169R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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