SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C9orf96 antibody

Catalog Number: SL15350R

FOR RESEARCH USE ONLY

[DATASHEET]

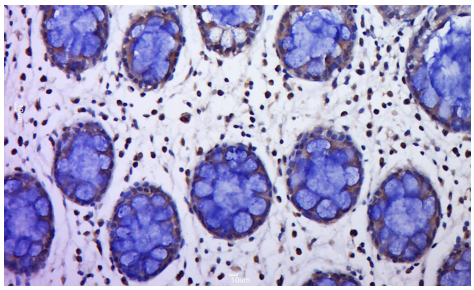
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf96
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf96: 101-200/680
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 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 MW.:	76kDa
Subcellular Location:	The nucleus
Background:	C9orf96, also known as Protein kinase-like protein SgK071, is a 680 amino acid protein that belongs to the Ser/Thr protein kinase family of the protein kinase superfamily. There are three isoforms of C9orf96 that are produced as a result of alternative splicing events. The gene encoding C9orf96 maps to human chromosome 9, which consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene

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	cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias. **Similarity:** Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. STKL subfamily. Contains 1 protein kinase domain. **Database links:** **Entrez Gene:** 169436 Human **SwissProt:** Q8NE28 Human **Unigene:** 720195 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Human colon 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 (Chromosome 9 open reading frame 96; C9orf96) Polyclonal Antibody, Unconjugated (SL15350R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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