SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C9orf21 antibody

Catalog Number: SL15322R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf21
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf21: 101-200/226
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:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Pig, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	25kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	C9orf21 (chromosome 9 open reading frame 21) is a 226 amino acid protein that belongs to the UPF0308 family and is encoded by a gene that maps to human chromosome 9q22.33. Chromosome 9 consists of about 145 million bases, represents 4% of the human genome and encodes nearly 900 genes. Thought 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

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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	though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene 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 AAED1 family. **Database links:** **Entrez Gene:** 195827 Human **SwissProt:** Q7RTV5 Human **Unigene:** 44640 Human

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