SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C9orf131 antibody

Catalog Number: SL15311R

FOR RESEARCH USE ONLY

[DATASHEET]

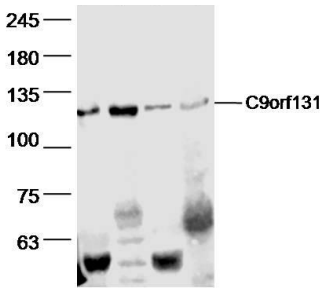
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf131
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf131: 901-1000/1079
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped 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 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, Mouse
Predicted MW.:	118kDa
Subcellular Location:	The nucleus
Background:	C9orf131 (chromosome 9 open reading frame 131) is a 1,079 amino acid protein encoded by a gene that maps to human chromosome 9p13.3. 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 though through the gene IKBKAP. Notably, chromosome 9 encompasses the

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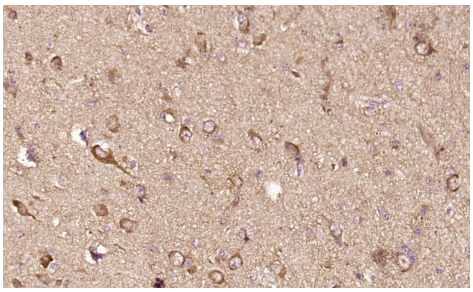
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	largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias. **Database links:** **Entrez Gene:** 138724 Human **SwissProt:** Q5VYM1 Human **Unigene:** 148250 Human

[VALIDATION IMAGES]



Sample:
TM4 cell(mouse) Lysate at 40 ug
U251 cell(human) Lysate at 40 ug
U87mg cell(human) Lysate at 40 ug
testis(mouse)Lysate at 40 ug
Primary: Anti- C9orf131 (SL15311R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 118kD
Observed band size: 118 kD



Paraformaldehyde-fixed, paraffin embedded (Human glioma); 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 (C9orf131) Polyclonal Antibody, Unconjugated (SL15311R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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