SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C9orf30 antibody

Catalog Number: SL15326R

FOR RESEARCH USE ONLY

[DATASHEET]

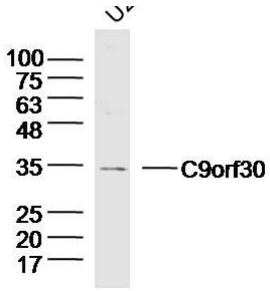
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf30
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf30: 1-100/275
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. 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:Rat,Dog,Pig,Horse,Rabbit,Sheep)
Predicted MW.:	32kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	C9orf30 is a 275 amino acid protein that is expressed in brain and belongs to the UPF0439 family. The gene encoding C9orf30 maps to human chromosome 9q31.1. 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 largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation

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

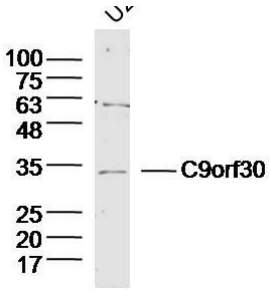
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	leading to the aberrant production of BCR-ABL fusion protein often found in leukemias. **Tissue Specificity:** Expressed in brain. **Similarity:** Belongs to the MSANTD3 family. Contains 1 Myb-like domain. **Database links:** **Entrez Gene:** 91283 Human **SwissProt:** Q96H12 Human **Unigene:** 530272 Human

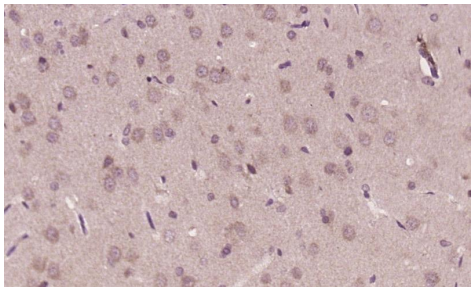
[VALIDATION IMAGES]



Sample:U2os Cell (Human) Lysate at 40 ug
Primary: Anti-C9orf30(SL15326R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 32kD
Observed band size: 32kD



Sample:U251 Cell (Human) Lysate at 40 ug
Primary: Anti-C9orf30(SL15326R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 32kD
Observed band size: 32kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (C9orf30) Polyclonal Antibody, Unconjugated (SL15326R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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