SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C9orf142 antibody

Catalog Number: SL15315R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf142
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf142: 51-150/204
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 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse, (predicted: Human, Rat)
Predicted MW.:	22kDa
Subcellular Location:	The nucleus
Background:	C9orf142 (chromosome 9 open reading frame 142) is a 204 amino acid protein that exists as two alternatively spliced isoforms. The gene encoding C9orf142 maps to human chromosome 9q34.3. 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 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.

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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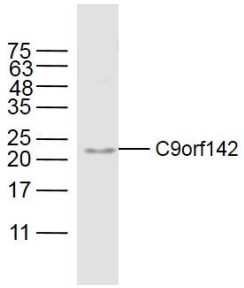
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	Database links: **Entrez Gene:** 286257 Human **SwissProt:** Q9BUH6 Human **Unigene:** 409582 Human

[VALIDATION IMAGES]



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti-C9orf142 (SL15315) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 22 kD
Observed band size: 22 kD

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