SunLong Biotech Co.,LTD
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**[ Primary Antibody ]**

# Rabbit Anti-C9orf37 antibody

**Catalog Number: SL15327R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

| | |
|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | C9orf37 |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human C9orf37: 101-176/176 |
| **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<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Human |
| **Predicted MW.:** | 18kDa |
| **Subcellular Location:** | The nucleus |
| **Background:** | C9orf37 is a 176 amino acid protein encoded by a gene that 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.<br>**Database links:**<br>SwissProt: |

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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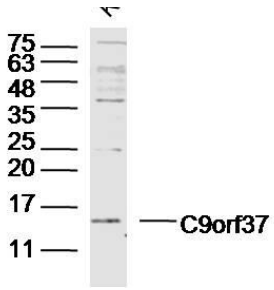
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| | |
|---|---|
| | Q9H2J1 Human |

## [ VALIDATION IMAGES ]




Sample:K562 (Human)Cell Lysate at 40 ug
Primary: Anti-C9orf37(SL15327R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 18kD
Observed band size: 15kD

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