SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C9orf79 antibody

Catalog Number: SL15343R

FOR RESEARCH USE ONLY

[DATASHEET]

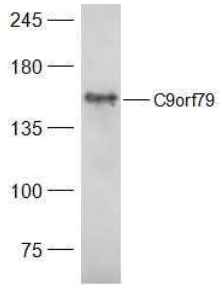
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C9orf79
Immunogen:	KLH conjugated synthetic peptide derived from human C9orf79 : 331-430/1445
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 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:	Human
Predicted MW.:	157kDa
Subcellular Location:	The cell membrane
Background:	C9orf79 is a 1,445 amino acid single-pass membrane protein that belongs to the FAM75 family. The gene encoding C9orf79 maps to human chromosome 9, which consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Considered 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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	Function: May play a role in spermatogenesis (By similarity). **Subcellular Location:** Membrane; Single-pass membrane protein (Potential). **Similarity:** Belongs to the SPATA31 family. **Database links:** **Entrez Gene:** 286234 Human **SwissProt:** Q6ZUB1 Human **Unigene:** 130672 Human

[VALIDATION IMAGES]



Sample:
A549(Human) Cell Lysate at 40 ug
Primary: Anti-C9orf79 (SL15343R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 157 kD
Observed band size: 157 kD

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