

C9orf79 Rabbit pAb

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Catalog # AP94207

Product Information

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| Application | WB |
| Primary Accession | Q6ZUB1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 157136 |
| Physical State | Liquid |
| Immunogen | KLH conjugated synthetic peptide derived from human C9orf79 |
| Epitope Specificity | 331-430/1445 |
| Isotype | IgG |
| Purity | affinity purified by Protein A |
| Buffer | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| SUBCELLULAR LOCATION | Membrane; Single-pass membrane protein (Potential). |
| SIMILARITY | Belongs to the SPATA31 family. |
| Important Note | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| Background Descriptions | 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. |

Additional Information

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| Gene ID | 286234 |
| Other Names | Spermatogenesis-associated protein 31E1, Protein FAM75E1, SPATA31E1, C9orf79, FAM75E1 |
| Dilution | WB=1:500-2000 |
| Format | 0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce |

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

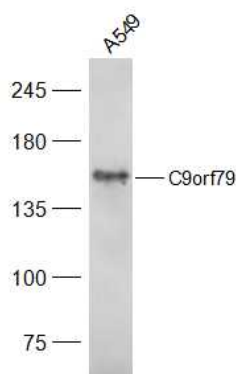
Protein Information

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|--------------------------|--|
| Name | SPATA31E1 |
| Synonyms | C9orf79, FAM75E1 |
| Function | May play a role in spermatogenesis. |
| Cellular Location | Membrane; Single-pass membrane protein |

Background

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Images



Sample: A549(Human) Cell Lysate at 40 ug Primary:
Anti-C9orf79 (AP94207) at 1/300 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 157 kD Observed band size: 157 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.