

C9orf79 Rabbit pAb

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Catalog # AP94207

Product Information

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).
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

Gene ID	286234
Other Names	Spermatogenesis-associated protein 31E1, Protein FAM75E1, SPATA31E1, C9orf79, FAM75E1
Dilution	WB=1:500-2000
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.

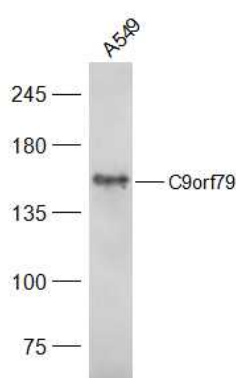
Protein Information

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

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