

C9orf131 Rabbit pAb

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Catalog # AP55938

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q5VYM1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	117724
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C9orf131
Epitope Specificity	901-1000/1079
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	C9orf131 (chromosome 9 open reading frame 131) is a 1,079 amino acid protein encoded by a gene that maps to human chromosome 9p13.3. 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.

Additional Information

Gene ID	138724
Other Names	Spermatogenesis-associated protein 31G1, SPATA31G1 (HGNC:31418), C9orf131
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

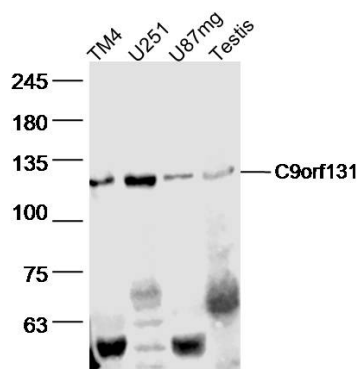
Protein Information

Name	SPATA31G1 (HGNC:31418)
Synonyms	C9orf131
Function	Dispensable for normal development and fertility.

Background

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Images



Sample:

TM4 cell(mouse) Lysate at 40 ug

U251 cell(human) Lysate at 40 ug

U87mg cell(human) Lysate at 40 ug

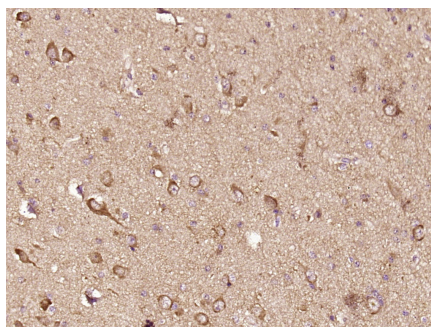
testis(mouse)Lysate at 40 ug

Primary: Anti- C9orf131 (AP55938)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 118kD

Observed band size: 118 kD



Paraformaldehyde-fixed, paraffin embedded (Human glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C9orf131) Polyclonal Antibody, Unconjugated (AP55938) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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