

C2orf16 Rabbit pAb

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Catalog # AP55829

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q68DN1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	224321
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C2orf16
Epitope Specificity	1901-1984/1984
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	C2orf16 (chromosome 2 open reading frame 16), also known as DKFZp434G118 or DKFZp781D2023, is a 1,984 amino acid protein encoded by a gene that maps to human chromosome 2p23.3. As the second largest human chromosome, chromosome 2 makes up approximately 8% of the human genome and contains 237 million bases encoding over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alström syndrome, is related to mutations in the ALMS1 gene. Chromosome 2 contains a probable vestigial second centromere as well as vestigial telomeres, which gives credence to the hypothesis that human chromosome 2 formed as a result of an ancient fusion of two ancestral chromosomes, which are still present in modern day apes.

Additional Information

Gene ID	84226
Other Names	Spermatogenesis-associated protein 31H1, SPATA31H1 (HGNC:25275), C2orf16
Dilution	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.

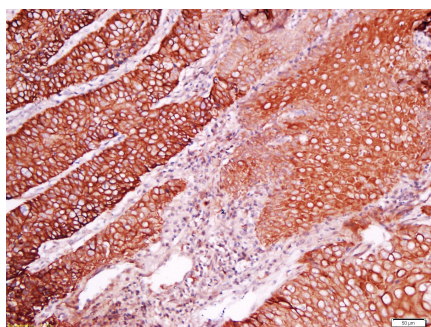
Protein Information

Name	SPATA31H1 (HGNC:25275)
Synonyms	C2orf16
Tissue Location	Expressed in sperm (at protein level).

Background

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Images



Tissue/cell: human laryngo carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-C2orf16 Polyclonal Antibody, Unconjugated(AP55829) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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