

C4orf22 Rabbit pAb

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Catalog # AP59461

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6V702
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26869
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C4orf22
Epitope Specificity	141-233/233
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	C4orf22 is a 233 amino acid protein that exists as three alternatively spliced isoforms and are encoded by a gene encoding mapping to human chromosome 4, which represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded by a gene that maps to chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

Additional Information

Gene ID	255119
Other Names	Cilia- and flagella-associated protein 299, CFAP299 (HGNC:28554)
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.

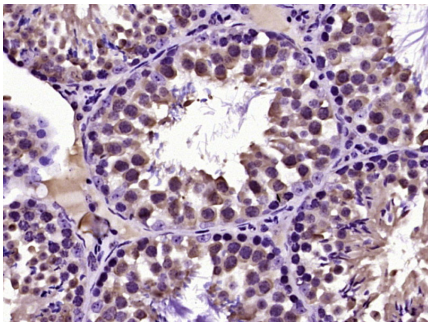
Protein Information

Name	CFAP299 (HGNC:28554)
Function	May be involved in spermatogenesis.
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:Q810M1}. Nucleus {ECO:0000250 UniProtKB:Q810M1}. Note=Mainly cytoplasmic {ECO:0000250 UniProtKB:Q810M1}

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); 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 (C4orf22) Polyclonal Antibody, Unconjugated (AP59461) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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