

FAM166A Rabbit pAb

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Catalog # AP57769

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6J272
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36165
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM166A
Epitope Specificity	31-100/317
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Made up of nearly 146 million bases, chromosome 8 encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and typically associated with a poor prognosis. Portions of chromosome 8 have been linked to schizophrenia and bipolar disorder. Trisomy 8, also known as Warkany syndrome 2, most often results in early miscarriage but is occasionally seen in a mosaic form in surviving patients who suffer to a varying degree from a number of symptoms including retarded mental and motor development, and certain facial and developmental defects. WRN is a DNA helicase encoded by chromosome 8 and shown defective in those with the early aging disorder Werner syndrome. Chromosome 8 is also associated with Pfeiffer syndrome, congenital hypothyroidism and Waardenburg syndrome. The FAM135B gene product has been provisionally designated FAM135B pending further characterization.

Additional Information

Gene ID	401565
Other Names	Ciliary microtubule inner protein 2A, CIMIP2A (HGNC:33818), FAM166A
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.

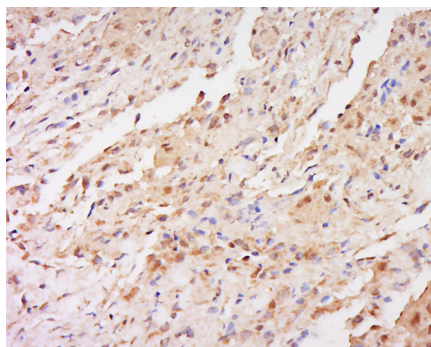
Protein Information

Name	CIMIP2A (HGNC:33818)
Synonyms	FAM166A
Function	Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in flagellum axoneme. Binds to the intra- tubulin interfaces.
Cellular Location	Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250 UniProtKB:G3X6E2}

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Images



Tissue/cell: human meningioma tissue; 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-FAM166A Polyclonal Antibody,
Unconjugated(AP57769) 1:500, overnight at 4°C, followed
by conjugation to the secondary antibody(SP-0023) and
DAB(C-0010) staining

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