

KD-Validated Anti-CFAP298 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2008

Product Information

Application	WB, FC
Primary Accession	P57076
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB7915
Calculated MW	33224
Gene Name	CFAP298
Aliases	CFAP298; Cilia And Flagella Associated Protein 298; C21orf48; C21orf59; DNAAF16; CILD26; FBB18; Kur; Cilia- And Flagella-Associated Protein 298; Dynein Axonemal Assembly Factor 16; Protein Kurly Homolog; FLJ20467; Prostate Cancer Upregulated Protein 1; Chromosome 21 Open Reading Frame 48; Chromosome 21 Open Reading Frame 59; Kurly Homolog (Zebrafish); UPF0769 Protein C21orf59; Kurly Homolog
Immunogen	Recombinant protein of human C21orf59

Additional Information

Gene ID	56683
Other Names	Cilia- and flagella-associated protein 298, Protein kurly homolog, CFAP298 (HGNC:1301), C21orf48, C21orf59

Protein Information

Name	CFAP298 (HGNC:1301)
Synonyms	C21orf48, C21orf59
Function	Plays a role in motile cilium function, possibly by acting on outer dynein arm assembly (PubMed: 24094744). Seems to be important for initiation rather than maintenance of cilium motility (By similarity). Required for correct positioning of the cilium at the apical cell surface, suggesting an additional role in the planar cell polarity (PCP) pathway (By similarity). May suppress canonical Wnt signaling activity (By similarity).
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250 UniProtKB:A0A1L8HCK2}. Note=Partially colocalized with SASS6 in cytoplasmic puncta, suggesting a centrosomal localization {ECO:0000250 UniProtKB:Q5U3Z0}

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