

C21orf59 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55815

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	P57076
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33224

Additional Information

Gene ID	56683
Other Names	Cilia- and flagella-associated protein 298, Protein kurly homolog, CFAP298 (HGNC:1301), C21orf48, C21orf59
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	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}