

## C21orf59 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55815

## **Specification**

## **C21orf59 Polyclonal Antibody - 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

### C21orf59 Polyclonal Antibody - Additional Information

Gene ID 56683

#### **Other Names**

Cilia- and flagella-associated protein 298, Protein kurly homolog, CFAP298 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=1301" target="\_blank">HGNC:1301</a>), C21orf48, C21orf59

# **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

### Storage

Store at -20  $^{\circ}$ 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  $^{\circ}$ C.

## **C21orf59 Polyclonal Antibody - Protein Information**

Name CFAP298 (<u>HGNC:1301</u>)

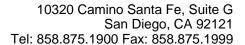
Synonyms C21orf48, C21orf59

### **Function**

Plays a role in motile cilium function, possibly by acting on outer dynein arm assembly (PubMed:<a href="http://www.uniprot.org/citations/24094744" target="\_blank">24094744</a>). 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}





C21orf59 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C21orf59 Polyclonal Antibody - Images