

**RABL4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57864****Specification****RABL4 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">O9BW83</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20480

**RABL4 Polyclonal Antibody - Additional Information****Gene ID** 11020**Other Names**

Intraflagellar transport protein 27 homolog, Putative GTP-binding protein RAY-like, Rab-like protein 4, IFT27, RABL4, RAYL

**Format**

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

**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.

**RABL4 Polyclonal Antibody - Protein Information****Name** IFT27**Synonyms** RABL4, RAYL**Function**

Small GTPase-like component of the intraflagellar transport (IFT) complex B that promotes the exit of the BBSome complex from cilia via its interaction with ARL6 (PubMed:<a href="http://www.uniprot.org/citations/25443296" target="\_blank">25443296</a>). Not involved in entry of the BBSome complex into cilium. Prevents aggregation of GTP-free ARL6 (PubMed:<a href="http://www.uniprot.org/citations/25443296" target="\_blank">25443296</a>). Required for hedgehog signaling. Forms a subcomplex within the IFT complex B with IFT25. Its role in intraflagellar transport is mainly seen in tissues rich in ciliated cells such as kidney and testis. Essential for male fertility, spermiogenesis and sperm flagella formation. Plays a role in the early development of the kidney. May be involved in the regulation of ureteric bud initiation (By similarity).

**Cellular Location**

Cell projection, cilium. Cytoplasm {ECO:0000250|UniProtKB:Q9D0P8}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9D0P8}. Note=Localizes to the sperm flagellum

{ECO:0000250|UniProtKB:Q9D0P8}

### **RABL4 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **RABL4 Polyclonal Antibody - Images**