

**FAM126A Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54542****Specification**

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**FAM126A Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9BYI3</a>
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57625

**FAM126A Polyclonal Antibody - Additional Information****Gene ID** 84668**Other Names**Hyccin, Down-regulated by CTNNB1 protein A, Protein FAM126A, FAM126A, DRCTNNB1A  
{ECO:0000303|PubMed:10910037}**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.

**FAM126A Polyclonal Antibody - Protein Information****Name** HYCC1 ([HGNC:24587](#))**Function**

Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane (PubMed:<a href="http://www.uniprot.org/citations/26571211" target="\_blank">26571211</a>). The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (PubMed:<a href="http://www.uniprot.org/citations/26571211" target="\_blank">26571211</a>). HYCC1 plays a key role in oligodendrocytes formation, a cell type with expanded plasma membrane that requires generation of PtdIns(4)P (PubMed:<a href="http://www.uniprot.org/citations/26571211" target="\_blank">26571211</a>). Its role in oligodendrocytes formation probably explains its importance in myelination of the central and peripheral nervous system (PubMed:<a href="http://www.uniprot.org/citations/26571211" target="\_blank">26571211</a>, PubMed:<a href="http://www.uniprot.org/citations/16951682" target="\_blank">16951682</a>). May also have a role in the beta- catenin/Lef signaling pathway (Probable).

**Cellular Location**

Cytoplasm, cytosol. Cell membrane Note=Localizes to the cytosol and is recruited to the plasma

membrane following interaction with other components of the phosphatidylinositol 4-kinase (PI4K) complex.

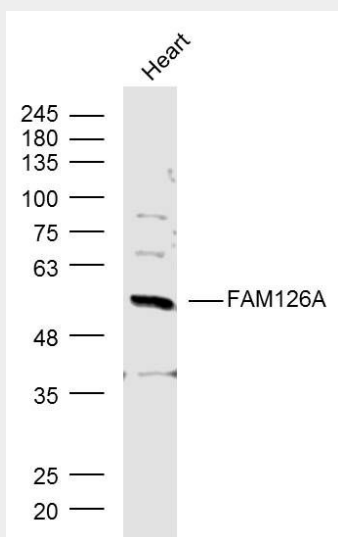
**Tissue Location**

Widely expressed. Highest levels in heart, brain, placenta, spleen and testis.

**FAM126A 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](#)

**FAM126A Polyclonal Antibody - Images****Sample:**

Heart (Mouse) Lysate at 40 ug

Primary: Anti-FAM126A (bs-11554R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 58 kD

Observed band size: 58 kD