

FAM126A antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14506**Specification**

FAM126A antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9BYI3
Other Accession	NM_032581 , NP_115970
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa kDa

FAM126A antibody - C-terminal region - Additional Information**Gene ID** 84668**Alias Symbol** DRCTNNB1A, HCC, HLD5, HYCC1**Other Names**

Hyccin, Down-regulated by CTNNB1 protein A, Protein FAM126A, FAM126A, DRCTNNB1A

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FAM126A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FAM126A antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

FAM126A antibody - C-terminal region - Protein Information**Name** HYCC1 ([HGNC:24587](#))**Function**

Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane (PubMed: [26571211](http://www.uniprot.org/citations/26571211)). The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (PubMed: [26571211](http://www.uniprot.org/citations/26571211)). HYCC1 plays a key role in oligodendrocytes formation, a cell type with expanded plasma membrane that requires generation of PtdIns(4)P (PubMed: [26571211](http://www.uniprot.org/citations/26571211)). Its role in oligodendrocytes formation probably explains its importance in myelination of the central and

peripheral nervous system (PubMed:16951682, PubMed:26571211). 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

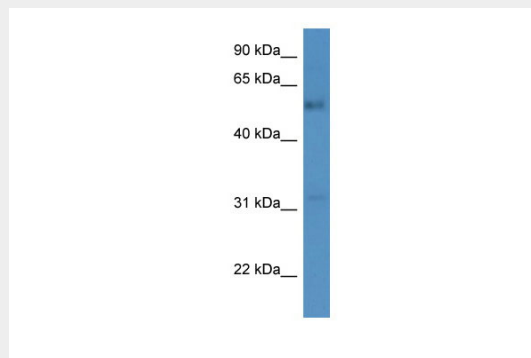
Widely expressed. Highest levels in heart, brain, placenta, spleen and testis.

FAM126A antibody - C-terminal region - 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 antibody - C-terminal region - Images



WB Suggested Anti-FAM126A Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:12500

Positive Control: Human Lung

FAM126A antibody - C-terminal region - References

Kawasoe T.,et al.Cancer Res. 60:3354-3358(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Scherer S.W.,et al.Science 300:767-772(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.