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FAM126A antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14506

Product Information

Application	WB
Primary Accession	Q9BYI3
Other Accession	NM_032581, NP_115970
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57625

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.

Protein Information

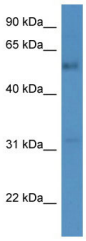
Name	HYCC1 (HGNC:24587)
Function	Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane (PubMed:26571211). The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (PubMed:26571211). HYCC1 plays a key role in oligodendrocytes formation, a cell type with expanded plasma membrane that requires generation of PtdIns(4)P (PubMed:26571211). 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.

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.

Images



WB Suggested Anti-FAM126A Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: Human Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.