

DATASHEET

FAM65B Rabbit Polyclonal Antibody

CAT. NO. APA15598

KEY FEATURES

Target	FAM65B	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Acts as an inhibitor of the small GTPase RHOA and plays several roles in the regulation of myoblast and hair cell differentiation, lymphocyte T proliferation and neutrophil polarization . Inhibits chemokine-induced T lymphocyte responses, such as cell adhesion, polarization and migration . Involved also in the regulation of neutrophil polarization, chemotaxis and adhesion . Required for normal development of inner and outer hair cell stereocilia within the cochlea of the inner ear . Plays a role for maintaining the structural organization of the basal domain of stereocilia . Involved in mechanosensory hair cell function . Required for normal hearing .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

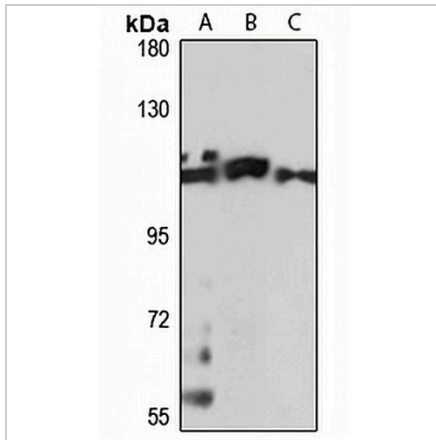
Description	Rabbit polyclonal antibody to FAM65B
Specificity	Recognizes endogenous levels of FAM65B protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human FAM65B. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 65; Observed: 118 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	C6orf32; DIFF48; KIAA0386; PL48; Protein FAM65B
Gene Symbol	FAM65B
Entrez Gene	9750(Human); 193385(Mouse)
SwissProt	Q9Y4F9(Human); Q80U16(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of FAM65B expression in U87MG (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 65; 118 kD; Observed band size: 118 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.