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Datasheet for ABIN872706

anti-FAM21C antibody (AA 1201-1318)

Overview

Quantity:	100 µL
Target:	FAM21C
Binding Specificity:	AA 1201-1318
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM21C antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FAM21C
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Pig, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FAM21C
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Target Details

Alternative Name:	Fam21c (FAM21C Products)
Background:	<p>Synonyms: FAM21A, Family with sequence similarity 21 member C, Hypothetical protein LOC253725, KIAA0592, Protein FAM21C, FA21C_HUMAN.</p> <p>Background: Playing a essential role in the fission of tubules that serve as transport intermediates during endosome sorting, the WASH complex is present at the surface of endosomes and functions to recruit and activate the Arp2/3 complex for induction of actin polymerization. FAM21, Putative WASH complex subunit FAM21, is a component of the WASH complex. Having undergone evolutionary duplication, four highly homologous family members exist including FAM21A, FAM21B, FAM21C and FAM21D. FAM21 links the WASH complex to endosomes and is required for WASM-dependent retromer-mediated sorting. Also, by directly interacting with CapZ, FAM21 inhibits its anti-capping activity, thereby regulating actin dynamics.</p>
Gene ID:	253725

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months