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Datasheet for ABIN896483
anti-FAM21C antibody (AA 1201-1318) (HRP)

Overview

Quantity:	100 µL
Target:	FAM21C
Binding Specificity:	AA 1201-1318
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM21C antibody is conjugated to HRP
Application:	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
Alternative Name:	FAM21C (FAM21C Products)

Target Details

Background: Synonyms: FAM21A, Family with sequence similarity 21 member C, Hypothetical protein LOC253725, KIAA0592, Protein FAM21C, FA21C_HUMAN.

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.

Gene ID: 253725

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months