

[Go to Product page](#)

Datasheet for ABIN896480

anti-FAM21C antibody (AA 1201-1318) (Alexa Fluor 555)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | FAM21C |
| Binding Specificity: | AA 1201-1318 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FAM21C antibody is conjugated to Alexa Fluor 555 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| 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

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| Target: | FAM21C |
| Alternative Name: | FAM21C (FAM21C Products) |

Target Details

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|-------------|---|
| 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

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| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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| 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. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |