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Datasheet for ABIN887224

anti-CCDC138 antibody (AA 551-665) (Alexa Fluor 647)

Overview

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| Quantity: | 100 µL |
| Target: | CCDC138 |
| Binding Specificity: | AA 551-665 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CCDC138 antibody is conjugated to Alexa Fluor 647 |
| Application: | Western Blotting (WB), 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 CCDC138 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | CCDC138 |
| Alternative Name: | CCDC138 (CCDC138 Products) |

Target Details

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| Background: | <p>Synonyms: CCDC 138, CCDC138, Coiled coil domain containing 138, Coiled coil domain containing protein 138, coiled-coil domain containing 138, FLJ 32745, FLJ32745, CC138_HUMAN.</p> <p>Background: CCDC138, also known as FLJ32745, is a 685 amino acid protein expressed as two isoforms produced by alternative splicing. The gene that encodes CCDC138 maps to human chromosome 2q12.3. The second largest human chromosome, chromosome 2 consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8 % of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes.</p> |
| Gene ID: | 165055 |
| Pathways: | BCR Signaling |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| 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 |

Handling

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

Expiry Date: 12 months