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Datasheet for ABIN2172321

anti-CCDC11 antibody (AA 330-380) (Alexa Fluor 555)

Overview

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| Quantity: | 100 µL |
| Target: | CCDC11 |
| Binding Specificity: | AA 330-380 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CCDC11 antibody is conjugated to Alexa Fluor 555 |
| 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 CCDC11 |
| Isotype: | IgG |
| Specificity: | Due to the similarity of this protein to RWD domain-containing protein 1, there is a chance that this antibody will react with this protein based on a 75 % non-sequential amino acid similarity. |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Cow, Horse |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|---|
| Target: | CCDC11 |
| Alternative Name: | Ccdc11 (CCDC11 Products) |
| Background: | <p>Synonyms: HTX6, CCDC11, Coiled-coil domain-containing protein 11</p> <p>Background: CCDC11 is a 514 amino acid protein encode by a gene that maps to human chromosome 18q21.1. Encoding over 300 genes, chromosome 18 contains about 76 million bases. Trisomy 18, or Edwards syndrome, is the second most common trisomy after Downs syndrome. Symptoms of Edwards syndrome include low birth weight, a variety of physical development defects, heart deformations and breathing difficulty. Translocation between chromosome 18 and 14 is the most common translocation in cancers, and occurs in follicular lymphomas. Niemann-Pick disease, hereditary hemorrhagic telangiectasia and erythropoietic protoporphyria are associated with chromosome 18. The TGF modulators, Smad2, Smad4 and Smad7 are encoded by chromosome 18.</p> |
| Gene ID: | 220136 |
| UniProt: | Q96M91 |

Application Details

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| Application Notes: | IF(IHC-P) 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: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: 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 |