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Datasheet for ABIN5001418

anti-Fam53a antibody (AA 255-340) (Alexa Fluor 680)

Overview

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| Quantity: | 100 µL |
| Target: | Fam53a |
| Binding Specificity: | AA 255-340 |
| Reactivity: | Human, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Fam53a antibody is conjugated to Alexa Fluor 680 |
| 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 DNTNP/FAM53A |
| Isotype: | IgG |
| Cross-Reactivity: | Dog, Human |
| Predicted Reactivity: | Chicken |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | Fam53a |
| Alternative Name: | DNTNP/FAM53A (Fam53a Products) |

Target Details

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| Background: | <p>Synonyms: DNTNP, Dorsal neural-tube nuclear protein, FA53A_HUMAN, FAM53A, family with sequence similarity 53, member A, Protein FAM53A.</p> <p>Background: Dorsal neural-tube nuclear protein is a 398 amino acid nuclear protein. DNTNP is thought to play an important role in neural development by specifying dorsal cell fates within the neural tube. Widely expressed in the dorsal neural tube, DNTNP is most highly expressed in the dorsal regions of the midbrain, the hindbrain, the diencephalon, and the spinal neural tube and is expressed at lower levels in the branchial arches, the telencephalon, the heart, and somites of developing embryos. DNTNP is encoded by a gene located on chromosome 4 which contains many genes including the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease.</p> |
| Pathways: | Protein targeting to Nucleus |

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 |