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Datasheet for ABIN1694886

anti-N6AMT1 antibody (AA 1-100) (Alexa Fluor 488)

Overview

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| Quantity: | 100 µL |
| Target: | N6AMT1 |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This N6AMT1 antibody is conjugated to Alexa Fluor 488 |
| 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 HEMK2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Sheep,Horse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | N6AMT1 |
| Alternative Name: | Hemk2 (N6AMT1 Products) |

Target Details

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| Background: | <p>Synonyms: C21orf127, Chromosome 21 open reading frame 127, EC 2.1.1.-, HemK methyltransferase family member 2, HemK2, M.HsaHemK2P, MGC19995, MTQ2, N-6 adenine-specific DNA methyltransferase 1, N-6 adenine-specific DNA methyltransferase 1 putative, N6-DNA-methyltransferase, N6AMT, N6AMT1, OTTHUMP00000096393, OTTHUMP00000096394, PRED28, HEMK2_HUMAN.</p> <p>Background: HEMK2 is a 214 amino acid protein that belongs to the methyltransferase superfamily and exists as multiple alternatively spliced isoforms. The gene encoding HEMK2 maps to human chromosome 21, which houses approximately 300 genes and comprises nearly 1.5 % of the human genome. Chromosome 21-associated disorders include Alzheimer's disease, amyotrophic lateral sclerosis and, most notably, Down syndrome (also known as trisomy 21).</p> |
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| Gene ID: | 29104 |
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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 |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |