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Datasheet for ABIN1711354
anti-N6AMT1 antibody (AA 1-100) (HRP)

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 HRP |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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

| | |
|-------------------|---|
| Target: | N6AMT1 |
| Alternative Name: | HEMK2 (N6AMT1 Products) |

Target Details

Background: 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.

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).

Gene ID: 29104

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

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

Handling

Expiry Date: 12 months