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Datasheet for ABIN739682

anti-GNMT antibody (AA 51-150) (Biotin)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | GNMT |
| Binding Specificity: | AA 51-150 |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GNMT antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human GNMT |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Rat |
| Predicted Reactivity: | Mouse,Dog,Cow,Pig,Horse |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | GNMT |
| Alternative Name: | GNMT (GNMT Products) |

Target Details

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|-------------|---|
| Background: | Synonyms: Glycine N-methyltransferase, GNMT Background: Catalyzes the methylation of glycine by using S-adenosylmethionine (AdoMet) to form N-methylglycine (sarcosine) with the concomitant production of S-adenosylhomocysteine (AdoHcy). Possible crucial role in the regulation of tissue concentration of AdoMet and of metabolism of methionine. |
| Gene ID: | 27232 |
| UniProt: | Q14749 |
| Pathways: | Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process |

Application Details

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| Application Notes: | WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500 |
| 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 for 12 months. |
| Expiry Date: | 12 months |