10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Gnmt antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12295

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q9QXF8 |
| **Other Accession** | NM_010321, NP_034451 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Predicted** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 32675 |

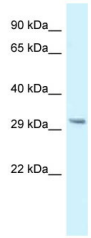
## Additional Information

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| **Gene ID** | 14711 |
| **Other Names** | Glycine N-methyltransferase, 2.1.1.20, Gnmt |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-Gnmt antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | Gnmt antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | Gnmt |
| **Function** | Catalyzes the methylation of glycine by using S- adenosylmethionine (AdoMet) to form N-methylglycine (sarcosine) with the concomitant production of S-adenosylhomocysteine (AdoHcy), a reaction regulated by the binding of 5-methyltetrahydrofolate (PubMed:15340920). Plays an important role in the regulation of methyl group metabolism by regulating the ratio between S-adenosyl-L- methionine and S-adenosyl-L-homocysteine (PubMed:16779654). |
| **Cellular Location** | Cytoplasm {ECO:0000250\|UniProtKB:P13255}. |

## Images




WB Suggested Anti-Gnmt Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Small Intestine

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.