

Gnmt antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12295**Specification**

Gnmt antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9QXF8
Other Accession	NM_010321 , NP_034451
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa KDa

Gnmt antibody - N-terminal region - Additional Information**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.

Gnmt antibody - N-terminal region - Protein Information**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).

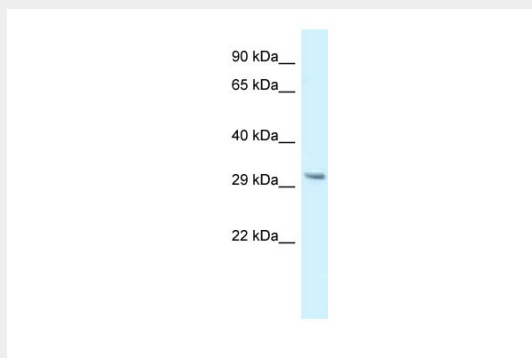
Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P13255}.

Gnmt antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Gnmt antibody - N-terminal region - Images

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