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Gnmt antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12295

Product Information

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

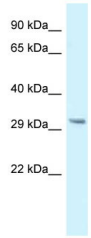
Additional Information

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

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