

Datasheet for ABIN2781320
anti-GNMT antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GNMT
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Horse, Guinea Pig, Rabbit, Cow, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNMT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	GVAAEGLPDQ YADGEAARVW QLYIGDTRSR TAEYKAWLLG LLRQHGCHRV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against Gnmt. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GNMT
Alternative Name:	Gnmt (GNMT Products)
Background:	Gnmt catalyzes the methylation of glycine by using S-adenosylmethionine (AdoMet) to form N-

Target Details

methylglycine (sarcosine) with the concomitant production of S-adenosylhomocysteine (AdoHcy). It plays a possible crucial role in the regulation of tissue concentration of AdoMet and of metabolism of methionine.

Alias Symbols: -

Protein Size: 293

Molecular Weight: 33 kDa

Gene ID: 14711

NCBI Accession: [NM_010321](#), [NP_034451](#)

UniProt: [Q9QXF8](#)

Pathways: [Cellular Glucan Metabolic Process](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 293 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Gnmt Antibody Titration: 1.0 ug/ml Positive Control: Mouse Small Intestine