antibodies.com

Datasheet for ABIN1538623 anti-GNMT antibody (AA 78-106)

Image



Overview

Quantity:	400 µL
Target:	GNMT
Binding Specificity:	AA 78-106
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNMT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GNMT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 78-106 amino acids from the Central region of human GNMT.
Clone:	RB36190
lsotype:	Ig Fraction
Predicted Reactivity:	Pig, Rb
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

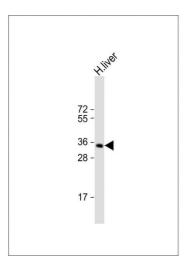
Target Details

Target:	GNMT
Alternative Name:	GNMT (GNMT Products)

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Target Details	
Background:	The protein encoded by this gene is an enzyme that catalyzes the conversion of S-adenosyl-L- methionine (along with glycine) to S-adenosyl-L-homocysteine and sarcosine. The encoded protein is found in the cytoplasm and acts as a homotetramer. Defects in this gene are a cause of GNMT deficiency (hypermethioninemia).
Molecular Weight:	32742
Gene ID:	27232
NCBI Accession:	NP_061833
UniProt:	Q14749
Pathways:	Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	GNMT Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months

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Western Blotting

Image 1. Anti-GNMT Antibody (Center) at 1:1000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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