



[Go to Product page](#)

Datasheet for ABIN6242958
anti-GNMT antibody (C-Term)

1 Image

2 Publications

Overview

Quantity:	400 µL
Target:	GNMT
Binding Specificity:	AA 218-248, C-Term
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 218-248 amino acids from the C-terminal region of human GNMT.
Clone:	RB5760
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GNMT
Alternative Name:	GNMT (GNMT Products)

Target Details

Background:	Glycine N-methyltransferase catalyzes the synthesis of N-methylglycine (sarcosine) from glycine using S-adenosylmethionine (AdoMet) as the methyl donor. GNMT acts as an enzyme to regulate the ratio of S-adenosylmethionine to S-adenosylhomocysteine (AdoHcy) and participates in the detoxification pathway in liver cells.
Molecular Weight:	32742
NCBI Accession:	NP_061833
UniProt:	Q14749
Pathways:	Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process

Application Details

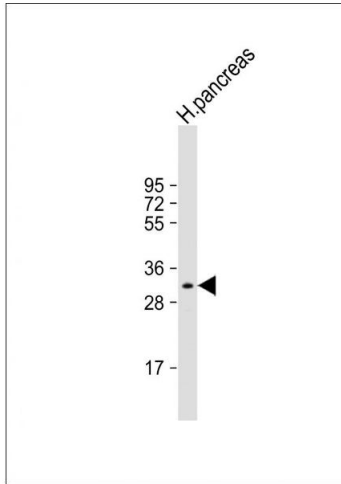
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

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
Expiry Date:	6 months

Publications

Product cited in:	Chang, Gao, Han, Du, Liu, Wang, Tan, Zhang, Liu, Zhu, Yu, Fan, Zhang, Zhou, Wang, Fu, Cao: "Gene expression profiling-derived immunohistochemistry signature with high prognostic value in colorectal carcinoma." in: Gut , Vol. 63, Issue 9, pp. 1457-67, (2014) (PubMed).
-------------------	--



Western Blotting

Image 1. Anti-GNMT Antibody (C-term) at 1:1000 dilution + human pancreas lysate Lysates/proteins at 20 μ g 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.