

Datasheet for ABIN5540988
anti-GNMT antibody (AA 1-295)



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Overview

Quantity:	0.1 mL
Target:	GNMT
Binding Specificity:	AA 1-295
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GNMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human GNMT (1-295aa) purified from E. coli.
Clone:	AT5D1
Isotype:	IgG2a
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	GNMT
Alternative Name:	gnmt (GNMT Products)
Background:	Ras-related protein Glycine N-methyltransferase (GNMT) catalyzes the methylation of glycine

Target Details

by using S-adenosylmethionine (AdoMet) to form N-methylglycine (sarcosine) with the concomitant production of S-adenosylhomocysteine (AdoHcy). Possible crucial role in the regulation of tissue concentration of AdoMet and of metabolism of methionine.

UniProt: [Q14749](#)

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

Application Details

Application Notes: The antibody has been tested by ELISA, Western blot analysis and ICC/IF to assure specificity and reactivity.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Phosphate-Buffered Saline (pH 7.4) with 0.02 % Sodium Azide, 10 % Glycerol

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: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months