

Datasheet for ABIN739689

**anti-GNMT antibody (AA 51-150) (HRP)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                           |
| Target:              | GNMT                                                                                                                                             |
| Binding Specificity: | AA 51-150                                                                                                                                        |
| Reactivity:          | Human, Rat                                                                                                                                       |
| Host:                | Rabbit                                                                                                                                           |
| Clonality:           | Polyclonal                                                                                                                                       |
| Conjugate:           | This GNMT antibody is conjugated to HRP                                                                                                          |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human GNMT |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Human, Rat                                               |
| Predicted Reactivity: | Mouse,Dog,Cow,Pig,Horse                                  |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | GNMT                                   |
| Alternative Name: | GNMT ( <a href="#">GNMT Products</a> ) |

Target Details

|             |                                                                                                                                                                                                                                                                                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: Glycine N-methyltransferase, GNMT<br><br>Background: Catalyzes the methylation of glycine 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. |
| Gene ID:    | 27232                                                                                                                                                                                                                                                                                                                                                         |
| UniProt:    | <a href="#">Q14749</a>                                                                                                                                                                                                                                                                                                                                        |
| Pathways:   | <a href="#">Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process</a>                                                                                                                                                                                                                                                               |

Application Details

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Application Notes: | WB 1:300-5000<br><br>IHC-P 1:200-400<br><br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only                                       |

Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |