

## Rabbit Guanidinoacetate-N-Methyltransferase Polyclonal Antibody | anti-GAMT antibody

Guanidinoacetate-N-Methyltransferase (GAMT) Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA144768 | Rabbit | Rat, Human, Mouse | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

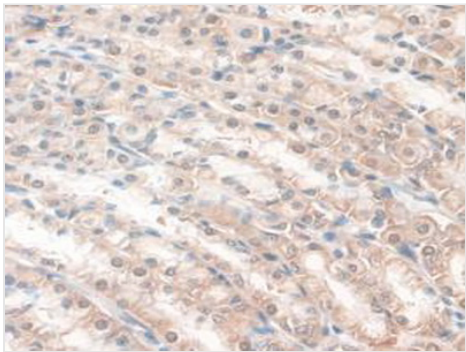
### PRODUCT SYNONYMS

Guanidinoacetate-N-Methyltransferase; Polyclonal Antibody; Guanidinoacetate-N-Methyltransferase (GAMT) Polyclonal Antibody; PIG2; TP53I2; Guanidinoacetate Methyltransferase; Guanidinoacetate Transmethylase; Methionine-Guanidinoacetic Transmethylase; Guanidoacetate Methyltransferase; anti-GAMT antibody

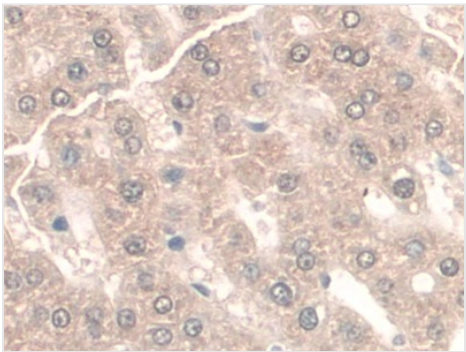
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reactivity                                     | Rat, Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against GAMT. It has been selected for its ability to recognize GAMT in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                     |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4 containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                          |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sequence Length                                | 236                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-GAMT antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunoglobulin Type                            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugate                                      | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cross Reactivity                               | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Organism Species                               | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fragment                                       | GAMT (Ser2~His236)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Quality Control                                | Content: The quality control contains recombinant GAMT (Ser2~His236) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemilumescient (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                      |

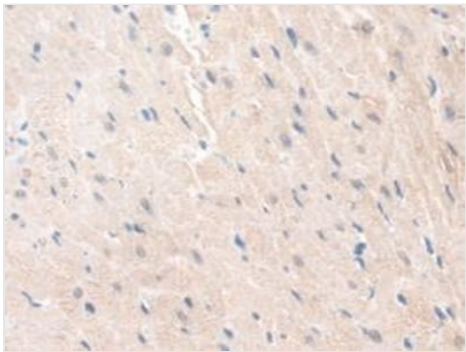
IMAGES



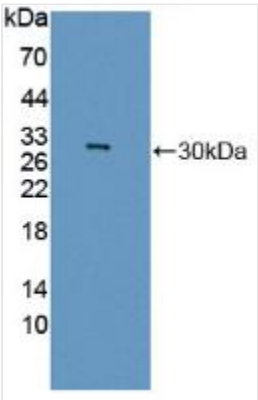
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Rat Stomach Tissue



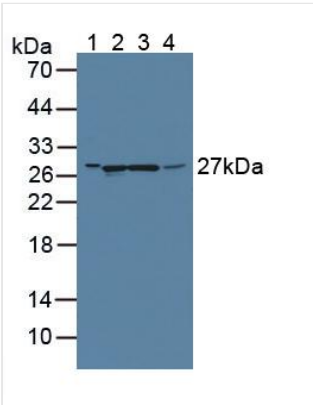
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Rat Liver Tissue



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Rat Heart Tissue.



WB (Western Blot)  
Western Blot: Sample: Recombinant GAMT, Rat.



WB (Western Blot)  
Western Blot: Sample: Lane1: Rat Serum; Lane2: Rat Liver Tissue; Lane3: Rat Pancreas Tissue; Lane4: Rat Kidney Tissue.

NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 120938                               |
| NCBI GeneID                      | 25257                                |
| UniProt Accession #              | P10868                               |
| Molecular Weight                 | 26,407 Da                            |
| NCBI Official Full Name          | Guanidinoacetate N-methyltransferase |
| NCBI Official Synonym Full Names | guanidinoacetate N-methyltransferase |

|                               |                                      |
|-------------------------------|--------------------------------------|
| NCBI Official Symbol          | Gamt                                 |
| NCBI Official Synonym Symbols | GMT                                  |
| NCBI Protein Information      | guanidinoacetate N-methyltransferase |
| UniProt Protein Name          | Guanidinoacetate N-methyltransferase |
| UniProt Gene Name             | <b>Gamt</b>                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/guanidinoacetate-n-methyltransferase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144768>