

# Rabbit anti-Mouse, Rat Glutathione S Transferase Mu 1 (GSTm1) Polyclonal Antibody | anti-GSTm1 antibody

Polyclonal Antibody to Glutathione S Transferase Mu 1 (GSTm1)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA130802 | Rabbit | Mouse, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

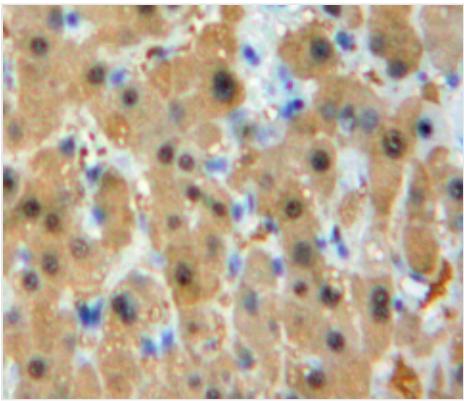
## PRODUCT SYNONYMS

Glutathione S Transferase Mu 1 (GSTm1); Polyclonal Antibody; Polyclonal Antibody to Glutathione S Transferase Mu 1 (GSTm1); anti-GSTm1 antibody

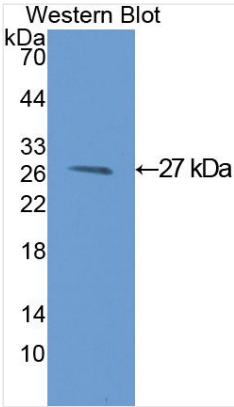
## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                      | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                   |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against GSTm1. It has been selected for its ability to recognize GSTm1 in immunohistochemical staining and western blotting.                                                                                                                                                                             |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                      |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                    |
| Concentration                                   | 0.62mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                    |
| Sequence                                        | Antigen: The target protein is fused with a His-tag and its sequence is listed below.<br>M GHHHHHSGS -MPMILGYWN VRGLTHPIRL LLEYTDSSYE EKRYAMGDAP DYDRSQWLNE KFKLGLDLFPN<br>LPYLIDGSRK ITQSNMRY LARKHLCGE TEEERIRADI VENQVMDNRM QLIMLCYNPD FEKQKPEFLK<br>TIPEKMKLYS EFLGKRPWFA GDKVTYVDFL AYDILDQYHI FEPKCLDAFP NLKDFLARFE GLKKISAYMK<br>SSRYLSTPIF SKLAQWSNK |
| Sequence Length                                 | 181                                                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-GSTm1 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                              |
| Immunogen                                       | Recombinant GSTm1 (Met1~Ly218) expressed in E.coli.                                                                                                                                                                                                                                                                                                          |
| Cross Reactivity                                | Rat                                                                                                                                                                                                                                                                                                                                                          |
| 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.                                                                                                                                                                |

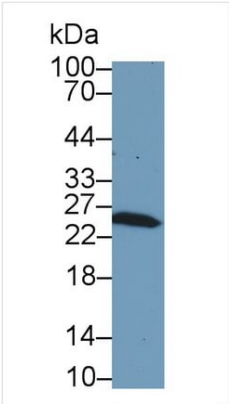
IMAGES



IHC (Immunohistochemisry)  
DAB staining on fromalin fixed paraffin-embedded liver tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.



WB (Western Blot)  
Western Blot: Sample: Rat Kidney lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat GSTm1  
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 8393502                        |
| NCBI GeneID                      | 24423                          |
| NCBI Accession #                 | NP_058710.1                    |
| NCBI GenBank Nucleotide #        | NM_017014.1                    |
| UniProt Accession #              | P04905                         |
| Molecular Weight                 | 25,914 Da                      |
| NCBI Official Full Name          | glutathione S-transferase Mu 1 |
| NCBI Official Synonym Full Names | glutathione S-transferase mu 1 |
| NCBI Official Symbol             | Gstm1                          |
| NCBI Official Synonym Symbols    | GSTA3                          |
| NCBI Protein Information         | glutathione S-transferase Mu 1 |
| UniProt Protein Name             | Glutathione S-transferase Mu 1 |
| UniProt Gene Name                | Gstm1                          |
| UniProt Synonym Gene Names       | GST Yb1                        |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutathione-s-transferase-mu-1-gstm1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/130802>