

**GSTM1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP52008**

**Specification**

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**GSTM1 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P09488</a>
Reactivity	<b>Human, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>26 KDa</b>
Antigen Region	<b>101 - 160</b>

**GSTM1 Antibody - Additional Information**

**Gene ID** 2944

**Other Names**

Glutathione S-transferase Mu 1, GST HB subunit 4, GST class-mu 1, GSTM1-1, GSTM1a-1a, GSTM1b-1b, GTH4, GSTM1, GST1

**Target/Specificity**

KLH conjugated synthetic peptide derived from human GSTM1

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**GSTM1 Antibody - Protein Information**

**Name** GSTM1 ([HGNC:4632](#))

**Synonyms** GST1

**Function**

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Involved in the formation of glutathione conjugates of both prostaglandin A2 (PGA2) and prostaglandin J2 (PGJ2) (PubMed:<a href="http://www.uniprot.org/citations/9084911" target="\_blank">9084911</a>). Participates in the formation of novel hepoxilin regioisomers (PubMed:<a href="http://www.uniprot.org/citations/21046276" target="\_blank">21046276</a>).

**Cellular Location**

Cytoplasm.

#### Tissue Location

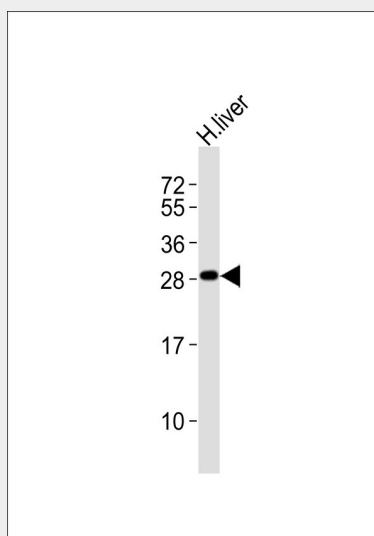
Liver (at protein level).

#### GSTM1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### GSTM1 Antibody - Images



Anti-GSTM1 Antibody at 1:1000 dilution + human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### GSTM1 Antibody - Background

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

#### GSTM1 Antibody - References

- Dejong J.L., et al. *Nucleic Acids Res.* 16:8541-8554(1988).  
Seidegaard J., et al. *Proc. Natl. Acad. Sci. U.S.A.* 85:7293-7297(1988).  
Chen P., et al. Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases.  
Chen P., et al. Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.  
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.