

**GSTT1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21534b**

**Specification**

---

**GSTT1 Antibody (C-term) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">P30711</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>27335</b>

**GSTT1 Antibody (C-term) - Additional Information**

**Gene ID** 2952

**Other Names**

Glutathione S-transferase theta-1, GST class-theta-1, Glutathione transferase T1-1, GSTT1

**Target/Specificity**

This GSTT1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 216-250 amino acids from the C-terminal region of human GSTT1.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

GSTT1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**GSTT1 Antibody (C-term) - Protein Information**

**Name** GSTT1

**Function** Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Acts on 1,2-epoxy- 3-(4-nitrophenoxy)propane, phenethylisothiocyanate 4-nitrobenzyl chloride and 4-nitrophenethyl bromide. Displays glutathione peroxidase activity with cumene hydroperoxide.

### Cellular Location

Cytoplasm.

### Tissue Location

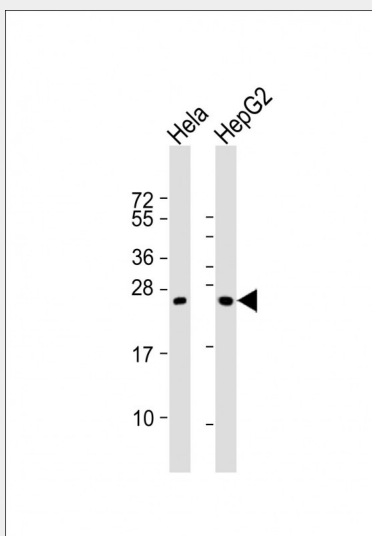
Found in erythrocyte. Expressed at low levels in liver. In lung, expressed at low levels in club cells and ciliated cells at the alveolar/bronchiolar junction. Absent from epithelial cells of larger bronchioles.

### GSTT1 Antibody (C-term) - 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](#)

### GSTT1 Antibody (C-term) - Images



All lanes : Anti-GSTT1 Antibody (C-term) at 1:2000 dilution Lane 1: HeLa whole cell lysates Lane 2: HepG2 whole cell lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 27 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### GSTT1 Antibody (C-term) - Background

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Acts on 1,2- epoxy-3-(4-nitrophenoxy)propane, phenethylisothiocyanate 4-nitrobenzyl chloride and 4-nitrophenethyl bromide. Displays glutathione peroxidase activity with cumene hydroperoxide.

### GSTT1 Antibody (C-term) - References

Pemble S.,et al.Biochem. J. 300:271-276(1994).  
Jemth P.,et al.Arch. Biochem. Biophys. 348:247-254(1997).  
Sprenger R.,et al.Pharmacogenetics 10:557-565(2000).  
Iida A.,et al.Submitted (MAR-2001) to the EMBL/GenBank/DDBJ databases.  
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).