

**Anti-GSTT1 Antibody**  
Rabbit polyclonal antibody to GSTT1  
Catalog # AP61332**Specification**

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**Anti-GSTT1 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P30711</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27335

**Anti-GSTT1 Antibody - Additional Information****Gene ID** 2952**Other Names**

GSTT1; Glutathione S-transferase theta-1; GST class-theta-1; Glutathione transferase T1-1; GSTT4; Glutathione S-transferase theta-4; GST class-theta-4

**Target/Specificity**

Recognizes endogenous levels of GSTT1 protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

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

**Anti-GSTT1 Antibody - 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**

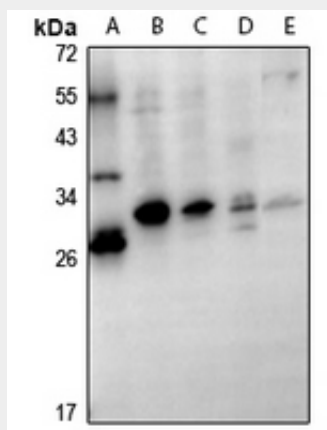
Found in erythrocyte. Expressed at low levels in liver. In lung, expressed at low levels in club cells and ciliated cells at the alveolar/bronchiolar junction. Absent from epithelial cells of larger bronchioles.

### Anti-GSTT1 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](#)

### Anti-GSTT1 Antibody - Images



Western blot analysis of GSTT1 expression in mouse lung (A), K562 (B), Jurkat (C), HCC827 (D), H9C2 (E) whole cell lysates.

### Anti-GSTT1 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GSTT1. The exact sequence is proprietary.