

GSTT1 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20614a

Specification

GSTT1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P30711
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27335

GSTT1 Antibody (N-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 46-79 amino acids from the N-terminal region of human GSTT1.

Dilution

WB~~1:1000

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

GSTT1 Antibody (N-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

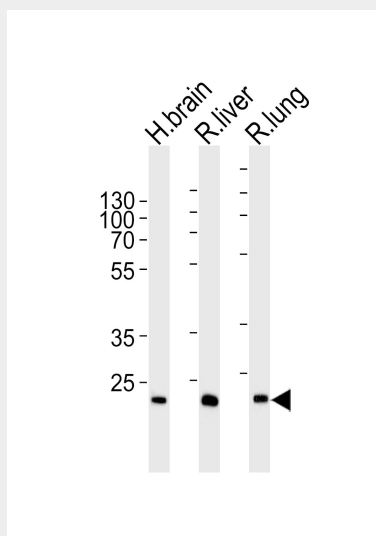
Found in erythrocyte. Expressed at low levels in liver. In lung, expressed at low levels in club cells and ciliated cells at the alveolar/bronchiolar junction. Absent from epithelial cells of larger bronchioles.

GSTT1 Antibody (N-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 (N-term) - Images



Western blot analysis of lysates from human brain , rat liver and lung tissue lysate (from left to right), using GSTT1 Antibody (N-term)(Cat. #AP20614a). AP20614a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

GSTT1 Antibody (N-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 (N-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.

Kalnina N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.