

GSTT1 Antibody (aa1-240)
Rabbit Polyclonal Antibody
Catalog # ALS16200**Specification**

GSTT1 Antibody (aa1-240) - Product Information

Application	WB, IHC
Primary Accession	P30711
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

GSTT1 Antibody (aa1-240) - Additional Information**Gene ID** 2952**Other Names**

Glutathione S-transferase theta-1, 2.5.1.18, GST class-theta-1, Glutathione transferase T1-1, GSTT1

Target/Specificity

Human GSTT1

Reconstitution & Storage

Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

GSTT1 Antibody (aa1-240) is for research use only and not for use in diagnostic or therapeutic procedures.

GSTT1 Antibody (aa1-240) - 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.

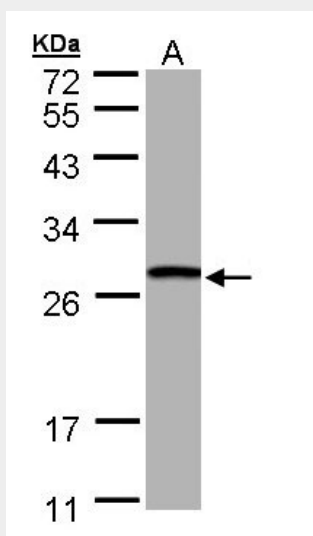
Volume
50 μ l

GSTT1 Antibody (aa1-240) - Protocols

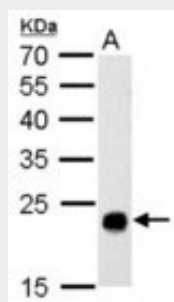
Provided below are standard protocols that you may find useful for product applications.

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

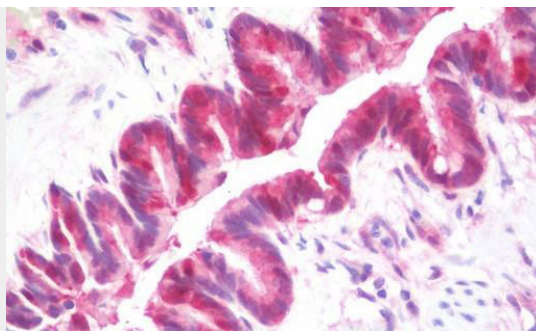
GSTT1 Antibody (aa1-240) - Images



Sample (30 ug of whole cell lysate). A: Hep G2 . 10% SDS PAGE. GSTT1 antibody diluted at 1:1000



GSTT1 antibody detects GSTT1 protein by Western blot analysis.



Anti-GSTT1 antibody IHC staining of human lung.

GSTT1 Antibody (aa1-240) - 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 (aa1-240) - 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).