


Product datasheet

Anti-GSTT1 antibody ab175418

[1 References](#) [1 Image](#)

Overview

Product name	Anti-GSTT1 antibody
Description	Rabbit polyclonal to GSTT1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Cow 
Immunogen	Recombinant full length protein corresponding to Human GSTT1 aa 1-240. Sequence: MGLELYDLLSQPCRAVYIFAKKNDIPFELRVDLIKGQHLS DAFAQVNP LKKVPALKDGDFTLTESVAILLYLTRKYKVPDYWYPQDLQA RARVDEYLA WQHTTLRRSCLRALWHKVMFPVFLGEPVSPQTLAATLAE LDVTLQLLEDK FLQNKAFLTGPHISLADLVAITELMHPVGAGCQVFEGRPK LATWRQRVEA AVGEDLFQEAHEVILKAKDFPPADPTIKQKLMPWVLMIR Database link: P30711 Run BLAST with Run BLAST with

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

term. Avoid freeze / thaw cycle.

Storage buffer

pH: 7.30
Preservative: 0.02% Sodium azide
Constituents: 49% PBS, 50% Glycerol

Purity

Immunogen affinity purified

Clonality

Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab175418 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 27 kDa.

Target

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.

Tissue specificity

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

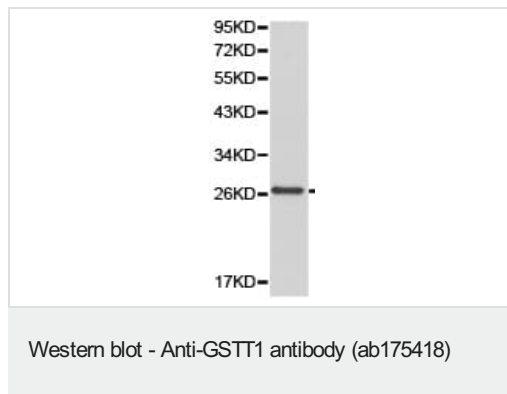
Sequence similarities

Belongs to the GST superfamily. Theta family.
Contains 1 GST C-terminal domain.
Contains 1 GST N-terminal domain.

Cellular localization

Cytoplasm.

Images



Anti-GSTT1 antibody (ab175418) at 1/500 dilution + HepG2 cell extract

Predicted band size: 27 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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