# antibodies -online.com





# anti-GSTT1 antibody (N-Term)

3 Images



Go to Product page

0	V	el	٢V	/	е	V	V

Background:

Quantity:	400 μL		
Target:	GSTT1		
Binding Specificity:	AA 7-34, N-Term		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This GSTT1 antibody is un-conjugated		
Application:	Western Blotting (WB), Flow Cytometry (FACS)		
Product Details			
Immunogen:	This GSTT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic		
	peptide between 7-34 amino acids from the N-terminal region of human GSTT1.		
Clone:	RB20137		
Isotype:	Ig Fraction		
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.		
Target Details			
Target:	GSTT1		
Alternative Name:	GSTT1 (GSTT1 Products)		

Glutathione S-transferase (GST) theta 1 (GSTT1) is a member of a superfamily of proteins that

#### **Target Details**

catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1 and GSTT2. The GSTT1 and GSTT2 share 55 % amino acid sequence identity and both of them were claimed to have an important role in human carcinogenesis. The GSTT1 gene is located approximately 50kb away from the GSTT2 gene. The GSTT1 and GSTT2 genes have a similar structure, being composed of five exons with identical exon/intron boundaries.

 Molecular Weight:
 27335

 Gene ID:
 2952

 NCBI Accession:
 NP\_000844

 UniProt:
 P30711

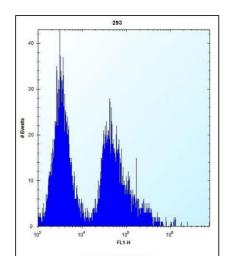
### **Application Details**

Application Notes: WB: 1:1000. WB: 1:2000. FC: 1:10~50

Restrictions: For Research Use only

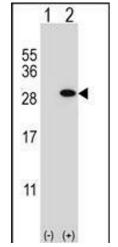
## Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	GSTT1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.	
Expiry Date:	6 months	



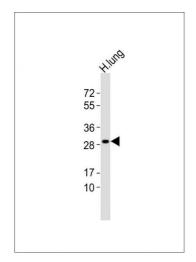
#### **Flow Cytometry**

**Image 1.** GSTT1 Antibody (N-term) (ABIN656825 and ABIN2846035) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** Western blot analysis of GSTT1 (arrow) using rabbit polyclonal GSTT1 Antibody (N-term) (ABIN656825 and ABIN2846035). 293 cell lysates ( $2 \mu g$ /lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GSTT1 gene.



#### **Western Blotting**

**Image 3.** Anti-GSTT1 Antibody (N-term)at 1:2000 dilution + human lung 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.