



[Go to Product page](#)

Datasheet for ABIN2814077

## anti-GSTT2 antibody (AA 11-100) (AbBy Fluor® 594)

### Overview

Quantity:	100 µL
Target:	GSTT2
Binding Specificity:	AA 11-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTT2 antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GSTT2/Glutathione S Transferase ta 2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	GSTT2
Alternative Name:	GSTT2 ( <a href="#">GSTT2 Products</a> )
Background:	Synonyms: Glutathione S Transferase theta 2, EC 2.5.1.18, Glutathione S transferase 12,

## Target Details

---

Glutathione S transferase Yrs Yrs, Glutathione S-transferase theta-2, Glutathione S-transferase theta-2B, GST 12 12, GST class theta 2, GST class-theta-2, GST T2, GSTT 2, GSTT2, GSTT2 protein, GSTT2\_HUMAN, GSTT2B, MGC182032, OTTHUMP00000198491, OTTHUMP00000198492.

Background: Glutathione (GSH) is a tripeptide antioxidant which reduces disulfide bonds between cytoplasmic proteins. The constitutive enzyme glutathione reductase transforms glutathione into its reduced state which ultimately can provide a measure of cellular toxicity. GSTT2 (glutathione S-transferase theta-2), also known as GST class-theta-2, is a 244 amino acid enzyme with sulfatase activity that functions in conjugating reduced glutathione to hydrophobic electrophiles. GSTT2 exists as a homodimer in the cytoplasm and is expressed in low levels in the liver and the lung. GSTT2 belongs to the GST superfamily and contains both a GST C-terminal and a GST N-terminal domain. The gene encoding GSTT2 exists on human chromosome 22.

---

Gene ID: 2953

---

Pathways: [Myometrial Relaxation and Contraction](#), [Autophagy](#)

## Application Details

---

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Concentration: 1 µg/µL

---

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

---

Preservative: ProClin

---

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

Storage: -20 °C

---

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

---

## Handling

---

Expiry Date: 12 months