



Datasheet for ABIN2856663

anti-GSTT1 antibody



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7 Images

1 Publication

Overview

Quantity:	100 µL
Target:	GSTT1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Full length human GSTT1 Recombinant protein.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to GSTT1 (glutathione S-transferase theta 1) GSTT1 antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	GSTT1
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Target Details

Alternative Name:	glutathione S-transferase theta 1 (GSTT1 Products)
Background:	<p>Glutathione S-transferase (GST) theta 1 (GSTT1) is a member of a superfamily of proteins that 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.</p> <p>Cellular Localization: Cytoplasm</p>
Molecular Weight:	27 kDa
Gene ID:	2952
UniProt:	P30711

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: rat liver Validation: KO/KD
Restrictions:	For Research Use only

Handling

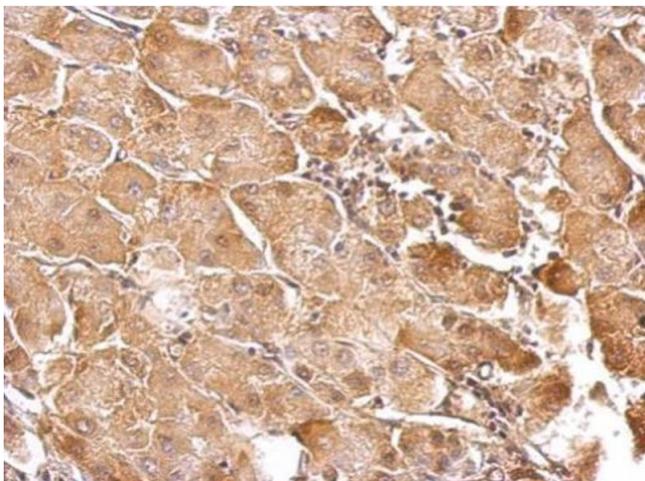
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

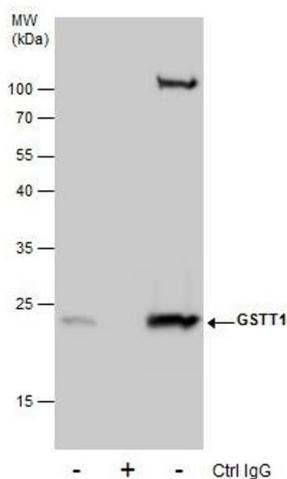
Product cited in: Tang, Lee, Kim, Bishop, Rodgers: "siRNA-knockdown of ADAMTS-13 modulates endothelial cell angiogenesis." in: **Microvascular research**, Vol. 113, pp. 65-70, (2018) ([PubMed](#)).

Validation report #100014 for Immunofluorescence (IF)



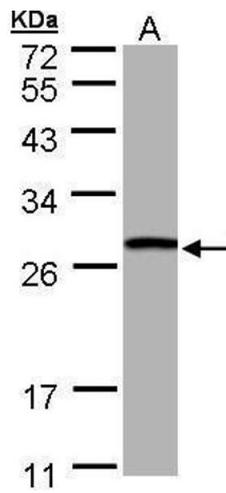
Immunohistochemistry

Image 1. IHC-P Image GSTT1 antibody detects GSTT1 protein at cytosol on human gastric cancer by immunohistochemical analysis. Sample: Paraffin-embedded hepatoma. GSTT1 antibody, dilution: 1:500.



Immunoprecipitation

Image 2. IP Image Immunoprecipitation of GSTT1 protein from HepG2 whole cell extracts using 5 µg of GSTT1 antibody, Western blot analysis was performed using GSTT1 antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A:
Hep G2 , 10% SDS PAGE antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2856663.