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Datasheet for ABIN1881394 anti-GSTT2 antibody (AA 113-141)

3 Images

3 Publications



Overview

| Quantity: | 400 µL |
|----------------------|--|
| Target: | GSTT2 |
| Binding Specificity: | AA 113-141 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GSTT2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |
| Product Details | |
| | |

| Immunogen: | This GSTT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic |
|---------------|--|
| | peptide between 113-141 amino acids from the Central region of human GSTT2. |
| Clone: | RB41723 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

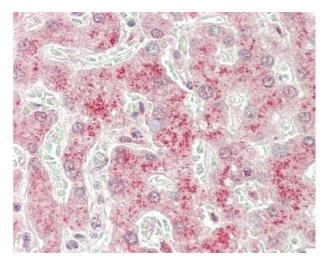
Target Details

| Target: | GSTT2 |
|-------------------|--|
| Alternative Name: | GSTT2 (GSTT2 Products) |
| Background: | Glutathione S-transferase (GSTs) theta 2 (GSTT2) is a member of a superfamily of proteins that |

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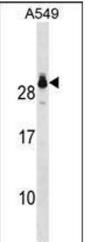
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|---------------------|---|
| | catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic |
| | compounds. Human GSTs can be divided into five main classes: Alpha, Mu, Pi, Theta, and Zeta |
| | The theta class members GSTT1 and GSTT2 share 55 % amino acid sequence identity and |
| | both are thought to have an important role in human carcinogenesis. The theta genes have a |
| | similar structure, being composed of five exons with identical exon/intron boundaries. |
| Molecular Weight: | 27506 |
| UniProt: | P0CG29 |
| Pathways: | Myometrial Relaxation and Contraction, Autophagy |
| Application Details | |
| Application Notes: | WB: 1:1000. IHC-P: 1:100. IHC-P: 1:100 |
| 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 |
| Expiry Date: | 6 months |
| Publications | |
| Product cited in: | Si, Ali, Latip, Fauzi, Budin, Zainalabidin: "Roselle is cardioprotective in diet-induced obesity rat |
| | model with myocardial infarction." in: Life sciences , Vol. 191, pp. 157-165, (2017) (PubMed). |
| | Yida, Imam, Ismail, Ooi, Sarega, Azmi, Ismail, Chan, Hou, Yusuf: "Edible Bird's Nest Prevents |
| | High Fat Diet-Induced Insulin Resistance in Rats." in: Journal of diabetes research, Vol. 2015, |
| | pp. 760535, (2016) (PubMed). |
| | |

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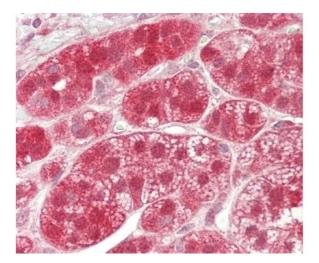
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded H.liver tissue reacted with GSTT2 Antibody (Center) (ABIN1881394 and ABIN2850522).



Western Blotting

Image 2. GSTT2 Antibody (Center) (ABIN1881394 and ABIN2850522) western blot analysis in A549 cell line lysates (35 µg/lane).This demonstrates the GSTT2 antibody detected the GSTT2 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded H.adrenal tissue tissue reacted with GSTT2 Antibody (Center) (ABIN1881394 and ABIN2850522).

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