

GSTO1 Antibody

Catalog No: #36514

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Description

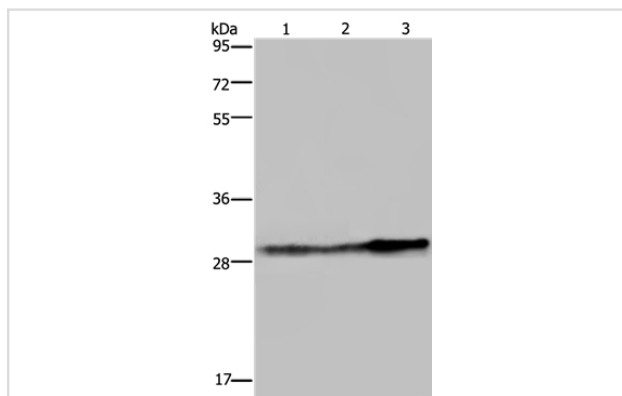
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|-----------------------|---|
| Product Name | GSTO1 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | WB IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total GSTO1 protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Full length fusion protein |
| Target Name | GSTO1 |
| Other Names | P28; SPG-R; GSTO 1-1; GSTTLp28; HEL-S-21 |
| Accession No. | Swiss-Prot#: P78417NCBI Gene ID: 9446Gene Accssion: BC000127 |
| Uniprot | P78417 |
| GeneID | 9446; |
| SDS-PAGE MW | 28kd |
| Concentration | 2.6mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:100-1:300

Images



Gel: 8%SDS-PAGE

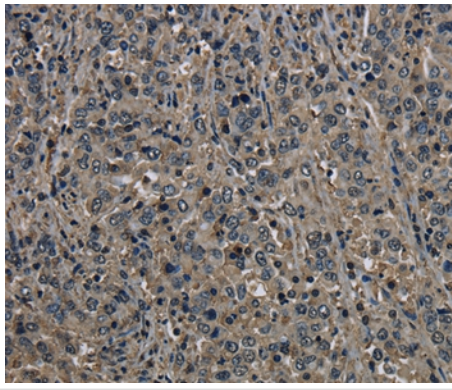
Lysates (from left to right): Human hepatocellular carcinoma tissue, Hela cell and human fetal liver tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/350 dilution

Secondary antibody dilution: 1/8000

Exposure time: 10 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36514 at dilution 1/60.

Background

The protein encoded by this gene is an omega class glutathione S-transferase (GST) with glutathione-dependent thiol transferase and dehydroascorbate reductase activities. GSTs are involved in the metabolism of xenobiotics and carcinogens. The encoded protein acts as a homodimer and is found in the cytoplasm. Three transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only