

GSTP1 Antibody

Catalog No: #32978

Package Size: #32978-1 50ul #32978-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

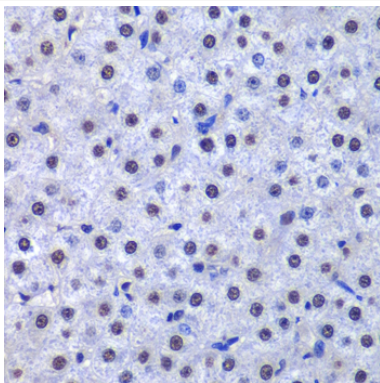
Description

| | |
|-----------------------|--|
| Product Name | GSTP1 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were purified by affinity purification using immunogen. |
| Applications | WB,IHC,IF |
| Species Reactivity | Human,Mouse |
| Specificity | The antibody detects endogenous level of total GSTP1 protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Recombinant protein of human GSTP1. |
| Target Name | GSTP1 |
| Other Names | PI; DFN7; GST3; GSTP; FAEES3 |
| Accession No. | Swiss-Prot:P09211NCBI Gene ID:2950 |
| Uniprot | P09211 |
| GeneID | 2950; |
| SDS-PAGE MW | 23KD |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

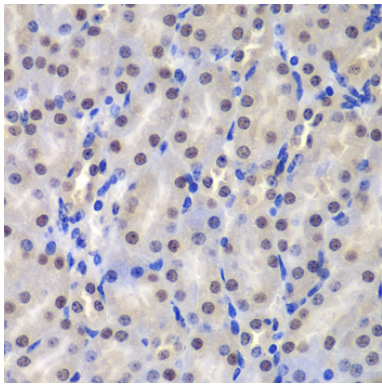
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

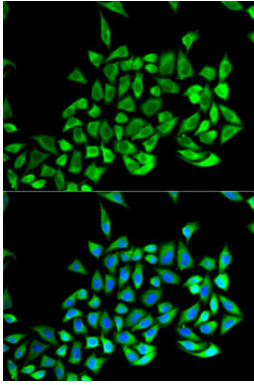
Images



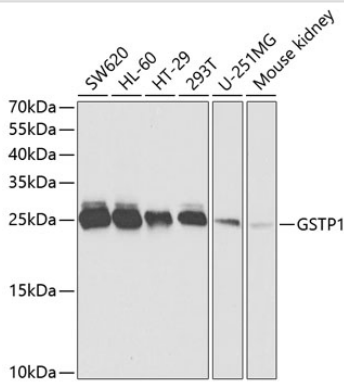
Immunohistochemistry of paraffin-embedded human liver cancer using GSTP1 at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using GSTP1 at dilution of 1:200 (40x lens).



Immunofluorescence analysis of U2OS cells using GSTP1 . Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using GSTP1 at 1:1000 dilution.

Background

Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases.

Note: This product is for in vitro research use only