

GSTP1 / GST Pi Antibody (clone 10H1)
Mouse Monoclonal Antibody
Catalog # ALS17102**Specification**

GSTP1 / GST Pi Antibody (clone 10H1) - Product Information

Application	IHC, WB
Primary Accession	P09211
Other Accession	2950
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Calculated MW	23356

GSTP1 / GST Pi Antibody (clone 10H1) - Additional Information**Gene ID** 2950**Other Names**

GSTP1, Deafness, X-linked 7, DFN7, GSTP1-1, Glutathione S-transferase P, GST Pi, GSTP, FAES3, Glutathione S-transferase pi 1, GST class-pi, GST3, PI

Target/Specificity

Human GSTP1 / GST Pi

Reconstitution & Storage

PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions

GSTP1 / GST Pi Antibody (clone 10H1) is for research use only and not for use in diagnostic or therapeutic procedures.

GSTP1 / GST Pi Antibody (clone 10H1) - Protein Information**Name** GSTP1 ([HGNC:4638](#))**Synonyms** FAES3, GST3**Function**

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Involved in the formation of glutathione conjugates of both prostaglandin A2 (PGA2) and prostaglandin J2 (PGJ2) (PubMed:9084911). Participates in the formation of novel hepoxilin regioisomers (PubMed:21046276). Negatively regulates CDK5 activity via p25/p35 translocation to prevent neurodegeneration.

Cellular Location

Cytoplasm. Mitochondrion. Nucleus. Note=The 83 N-terminal amino acids function as an uncleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

Volume

50 µl

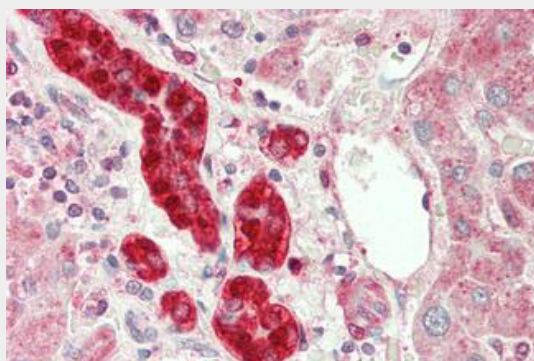
GSTP1 / GST Pi Antibody (clone 10H1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

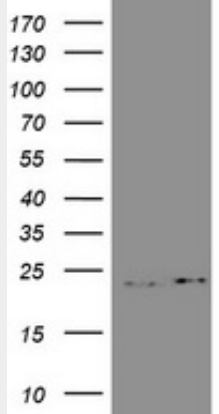
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GSTP1 / GST Pi Antibody (clone 10H1) - Images

Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GSTP1...

GSTP1 / GST Pi Antibody (clone 10H1) - Background

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Regulates negatively CDK5 activity via p25/p35 translocation to prevent neurodegeneration.

GSTP1 / GST Pi Antibody (clone 10H1) - References

- Kano T.,et al.Cancer Res. 47:5626-5630(1987).
Cowell I.G.,et al.Biochem. J. 255:79-83(1988).
Morrow C.S.,et al.Gene 75:3-11(1989).
Moscow J.A.,et al.Cancer Res. 49:1422-1428(1989).
Bora P.S.,et al.Submitted (JUL-1994) to the EMBL/GenBank/DDBJ databases.