

GSTP1 / GST Pi Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS12975**Specification**

GSTP1 / GST Pi Antibody (Internal) - Product Information

Application	WB, IF, IHC
Primary Accession	P09211
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23kDa KDa

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

Glutathione S-transferase P, 2.5.1.18, GST class-pi, GSTP1-1, GSTP1, FAEES3, GST3

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

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

GSTP1 / GST Pi Antibody (Internal) - Protein Information**Name** GSTP1 ([HGNC:4638](#))**Synonyms** FAEES3, 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

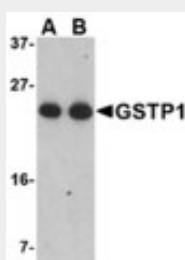
Cytoplasm. Mitochondrion. Nucleus. Note=The 83 N-terminal amino acids function as un-cleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

GSTP1 / GST Pi Antibody (Internal) - Protocols

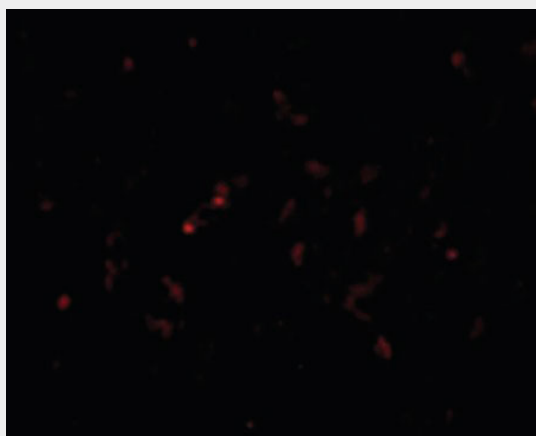
Provided below are standard protocols that you may find useful for product applications.

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

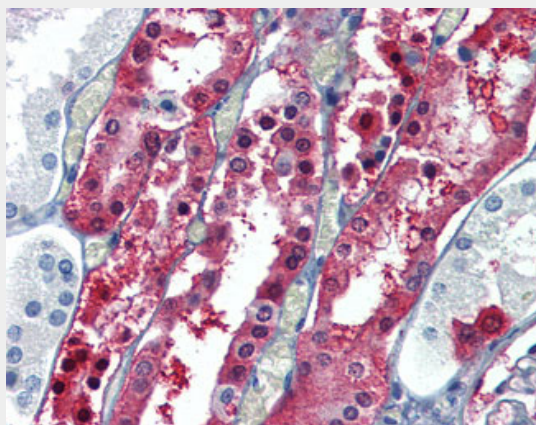
GSTP1 / GST Pi Antibody (Internal) - Images



Western blot of GSTP1 in Jurkat cell lysate with GSTP1 antibody at (A) 0.5 and (B) 1 ug/ml.



Immunofluorescence of GSTP1 in Human Lung cells with GSTP1 antibody at 20 ug/ml.



Anti-GSTP1 antibody IHC of human kidney.

GSTP1 / GST Pi Antibody (Internal) - 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 (Internal) - 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.