

GST3 / GSTP1 Antibody
Rabbit mAb
Catalog # AP92004**Specification****GST3 / GSTP1 Antibody - Product Information**

Application	WB, IHC, ICC
Primary Accession	P09211
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Deafness; DFN7; FAEES3; GST3; GSTP; Gstp1; PI; X linked 7;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	23356 Da

GST3 / GSTP1 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GST3 / GST pi
Description	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

GST3 / GSTP1 Antibody - 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:<<http://www.uniprot.org/citations/9084911>>9084911). Participates in the formation of novel hepoxilin regioisomers (PubMed:<<http://www.uniprot.org/citations/21046276>>21046276). Negatively regulates CDK5 activity via p25/p35 translocation to prevent neurodegeneration.

Cellular Location

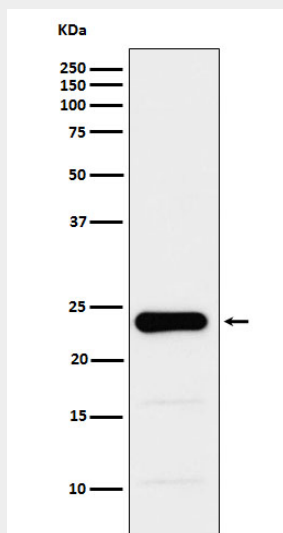
Cytoplasm. Mitochondrion. Nucleus. Note=The 83 N-terminal amino acids function as an uncleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

GST3 / GSTP1 Antibody - 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](#)

GST3 / GSTP1 Antibody - Images



Western blot analysis of GST3 / GST pi expression in PC3 cell lysate.