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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

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: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 uncleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

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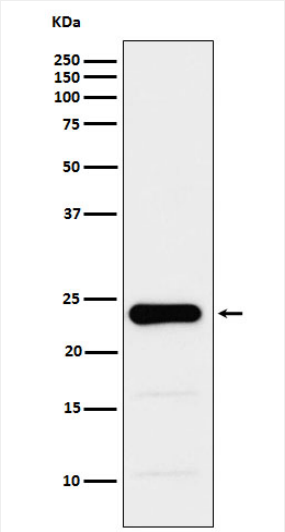
GST3 / GSTP1 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GST3 / GSTP1 Antibody - Images



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