

KD-Validated Anti-GST3 / GSTP1 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1565**Specification****KD-Validated Anti-GST3 / GSTP1 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	P09211
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 23 kDa , observed , 23 kDa KDa
Gene Name	GSTP1
Aliases	GSTP1; Glutathione S-Transferase Pi 1; FAEES3; GSTP; GST3; Glutathione S-Transferase P; GST Class-Pi; EC 2.5.1.18; GSTP1-1; Fatty Acid Ethyl Ester Synthase III; Epididymis Secretory Protein Li 22; Deafness, X-Linked 7; HEL-S-22; DFN7; PI A synthesized peptide derived from human GST3 / GST pi
Immunogen	

KD-Validated Anti-GST3 / GSTP1 Rabbit Monoclonal Antibody - Additional Information

Gene ID	2950
Other Names	
Glutathione S-transferase P, 2.5.1.18, GST class-pi, GSTP1-1, GSTP1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4638)>HGNC:4638), FAEES3, GST3	

KD-Validated Anti-GST3 / GSTP1 Rabbit Monoclonal 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 heptoxilin regioisomers (PubMed:21046276). Negatively regulates CDK5 activity via p25/p35 translocation to prevent neurodegeneration.

Cellular Location

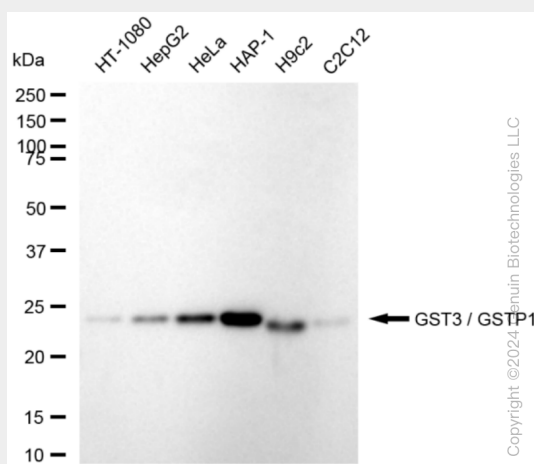
Cytoplasm. Mitochondrion. Nucleus. Note=The 83 N-terminal amino acids function as un-cleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

KD-Validated Anti-GST3 / GSTP1 Rabbit Monoclonal Antibody - Protocols

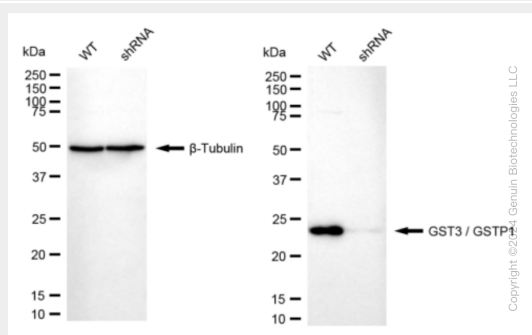
Provided below are standard protocols that you may find useful for product applications.

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

KD-Validated Anti-GST3 / GSTP1 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-GST3 / GSTP1 antibody (Cat#AGI1565). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GST3 / GSTP1 antibody (Cat#AGI1565, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-GST3 / GSTP1 antibody (Cat#AGI1565). GST3 / GSTP1 expression in wild type (WT) and GST3 / GSTP1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-GST3 / GSTP1 antibody (Cat#AGI1565, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.