

Anti-GST GSTP1 Rabbit Monoclonal Antibody
Catalog # ABO13223**Specification****Anti-GST GSTP1 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IF, ICC, IP
Primary Accession	P09211
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-GST GSTP1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

Anti-GST 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

Calculated MW

23356 MW KDa

Application Details

WB 1:1000-1:5000
ICC/IF 1:50-1:200
IP 1:50

Subcellular Localization

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

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from GST

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-GST GSTP1 Rabbit Monoclonal Antibody - 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](http://www.uniprot.org/citations/9084911)). Participates in the formation of novel hepoxilin regioisomers (PubMed: [21046276](http://www.uniprot.org/citations/21046276)). Negatively regulates CDK5 activity via p25/p35 translocation to prevent neurodegeneration.

Cellular Location

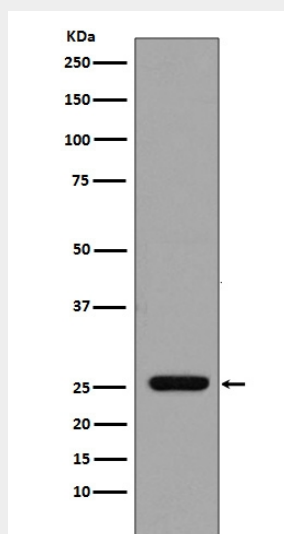
Cytoplasm. Mitochondrion. Nucleus. Note=The 83 N-terminal amino acids function as an uncleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

Anti-GST GSTP1 Rabbit Monoclonal Antibody - Protocols

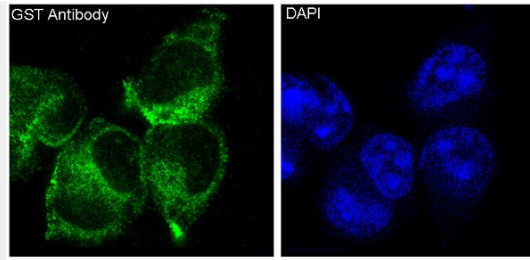
Provided below are standard protocols that you may find useful for product applications.

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

Anti-GST GSTP1 Rabbit Monoclonal Antibody - Images



Western blot analysis of GST expression in GST recombinant protein.



Immunofluorescent analysis of 293 cells, using GST Antibody.