

Anti-GST3 / GSTP1 Monoclonal Antibody
Catalog # ABO14733**Specification****Anti-GST3 / GSTP1 Monoclonal Antibody - Product Information**

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

Description

Anti-GST3 / GSTP1 Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-GST3 / GSTP1 Monoclonal Antibody - Additional Information

Gene ID 2950

Other Names

Glutathione S-transferase P, 2.5.1.18, GST class-pi, GSTP1-1, GSTP1 ([HGNC:4638](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4638)), FAEES3, GST3

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

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 human GST3 / GST pi Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

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-GST3 / GSTP1 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 hepoxilin regioisomers (PubMed:21046276). Negatively regulates CDK5 activity via p25/p35 translocation to prevent neurodegeneration.

Cellular Location

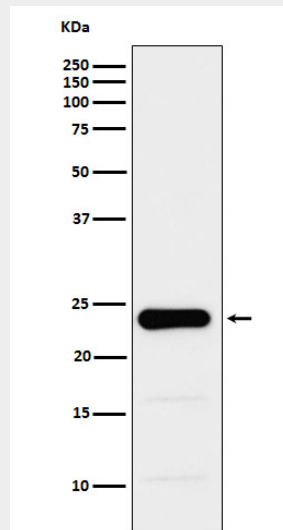
Cytoplasm. Mitochondrion. Nucleus. Note=The 83 N-terminal amino acids function as an uncleaved transit peptide, and arginine residues within it are crucial for mitochondrial localization

Anti-GST3 / GSTP1 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-GST3 / GSTP1 Monoclonal Antibody - Images



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