

Rabbit anti-Human GSTP1 Polyclonal Antibody | anti-GSTP1 antibody

GSTP1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290300	Rabbit	Human	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

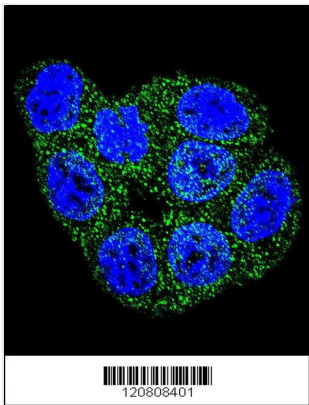
PRODUCT SYNONYMS

GSTP1; Polyclonal Antibody; GSTP1 Antibody (C-term); Glutathione S-transferase P; GST class-pi; GSTP1-1; FAEES3; GST3; anti-GSTP1 antibody

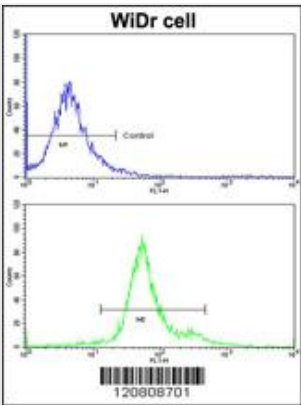
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GSTP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-192 amino acids from the C-terminal region of human GSTP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	165-192
Sequence Length	210
Applicable Applications for anti-GSTP1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

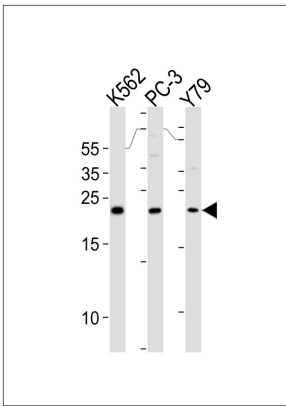
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of GSTP1 Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of wdr cells using GSTP1 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram) FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
GSTP1 Antibody (C-term) western blot analysis in K562, PC-3, Y79 cell line lysates (35ug/lane). This demonstrates the GSTP1 antibody detected the GSTP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GSTP1 antibody	Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases.
Product Categories/Family for anti-GSTP1 antibody	Crown Antibodies; Cardiovascular; Cell Biology; Metabolism; Signal Transduction
References	Spurdle, A.B., et.al., Breast Cancer Res. Treat. (2009) Agusa, T., et.al., Toxicol. Appl. Pharmacol. (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504183
NCBI GeneID	2950
NCBI Accession #	NP_000843.1
NCBI GenBank Nucleotide #	NM_000852.3
UniProt Accession #	P09211; O00460; Q15690; Q5TZY3

Molecular Weight	23356
NCBI Official Full Name	glutathione S-transferase P
NCBI Official Synonym Full Names	glutathione S-transferase pi 1
NCBI Official Symbol	GSTP1
NCBI Official Synonym Symbols	PI; DFN7; GST3; GSTP; FAEES3; HEL-S-22
NCBI Protein Information	glutathione S-transferase P
UniProt Protein Name	Glutathione S-transferase P
UniProt Gene Name	GSTP1
UniProt Synonym Gene Names	FAEES3; GST3
UniProt Entry Name	GSTP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gstp1-antibody-western-blot-immunofluorescence-flow-cytometry-elisa/290300>