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anti-GSTP1 antibody (C-Term)



Images



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Quantity:	0.4 mL
Target:	GSTP1
Binding Specificity:	AA 171-201, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 171~201 amino acids from the C-terminal region of Human GSTP1
Specificity:	This antibody detects Human GSTP1 / GST3 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	GSTP1
Alternative Name:	GSTP1 / GST3 (GSTP1 Products)
Background:	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. Synonyms: FAEES3, GST class-pi, GST pi, GSTP1-1, Glutathione S-
transferase P

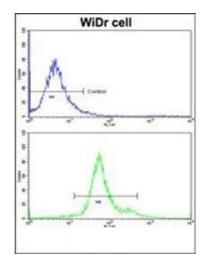
	transferase P
Molecular Weight:	23356 Da
Gene ID:	2950
NCBI Accession:	NP_000843
UniProt:	P09211
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Western blot: 1: 50 - 1: 100. ELISA: 1: 1,000.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

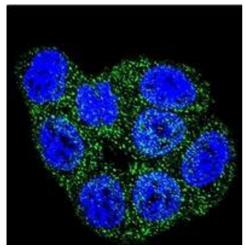
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



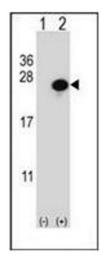
Flow Cytometry

Image 1. Flow cytometric analysis of widr cells using GSTP1 Antibody (C-term) Cat.-No AP17445PU-N (bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of GSTP1 Antibody (C-term) Cat.-No AP17445PU-N with Hela cell followed by Alexa Fluor[®]488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. Western blot analysis of GSTP1 (arrow) using GSTP1 Antibody (C-term) Cat.-No AP17445PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GSTP1 gene.

Please check the product details page for more images. Overall 5 images are available for ABIN453076.