

Rabbit GSTP1/GST3 Polyclonal Antibody | anti-GSTP1 antibody

Anti-GSTP1/GST3 Antibody, Rabbit Polyclonal

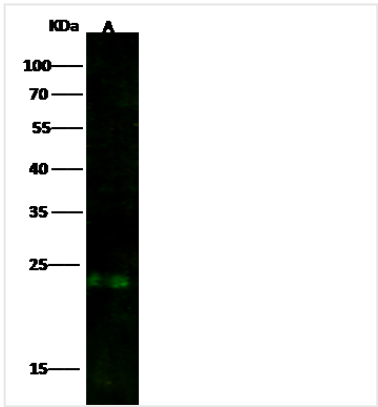
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254394	Rabbit	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

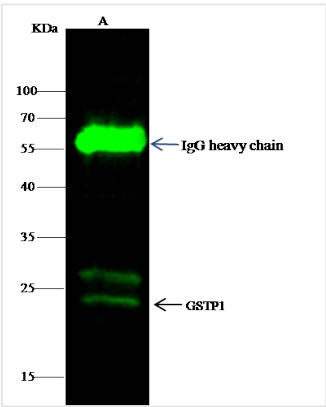
GSTP1/GST3; Polyclonal Antibody; Anti-GSTP1/GST3 Antibody; Rabbit Polyclonal; GSTP1 Antibody; Rabbit PAb; Antigen Affinity Purified; glutathione S-transferase pi 1; Anti-DFN7 Antibody; Anti-FAEES3 Antibody; Anti-GST3 Antibody; Anti-GSTP Antibody; Anti-HEL-S-22 Antibody; Anti-PI Antibody; anti-GSTP1 antibody

PRODUCT SPECIFICATIONS

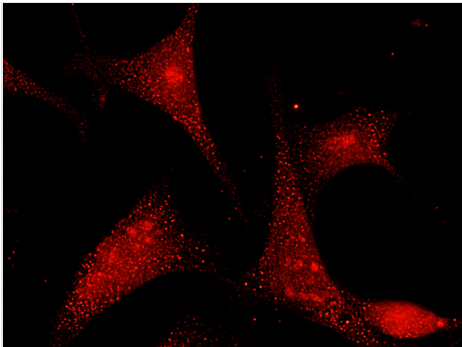
Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GSTP1/GST3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GSTP1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human GSTP1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human GSTP1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-GSTP1 rabbit polyclonal antibody at 1:500 dilutionLane A: K562 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:23 kDaObserved band size:23 kDa



IP (Immunoprecipitation)
GSTP1 was immunoprecipitated using:Lane A:0.5 mg HeLa Whole Cell Lysate0.5 uL anti-GSTP1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G.Primary antibody:Anti-GSTP1 rabbit polyclonal antibody,at 1:500 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 24 kDaObserved band size: 24 kDa



IF (Immunofluorescence)
Immunofluorescence staining of GSTP1 in HeLa cells. Cells were fixed with 4% PFA,blocked with 10% serum, and incubated with rabbit anti-human GSTP1 polyclonal antibody (1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red)Positive staining was localized to cytoplasm and nucleus..

ADDITIONAL INFORMATION

Related Product Information for anti-GSTP1 antibody	Glutathione S-transferase (GST) family members promote carcinogenesis and cancer progression. GSTP1 levels correlated negatively with tumor size and serum alpha-fetoprotein (AFP) in HCC patients, and higher GSTP1 levels were associated with longer overall survival (OS) and disease-free survival (DFS), the high GSTP1 levels provide a better prognosis through suppression of tumorigenesis in HCC. Dual-testing of HPV and the GSTP1 might prove an effective screening tool for cervical cancer. GSTP1 is highly expressed in various cancerous cells and pre-neoplastic legions, where it is involved in apoptotic resistance or metabolism of several anti-tumor chemotherapeutics. That GSTP1 is a marker of malignant and pre-malignant cells and is a promising target for visualization and drug development. GSTP1 is a largely investigated tissue biomarker in several malignancies such as prostate, breast, lung, and hepatocellular carcinoma with good performances, especially for purposes.
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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	23kDa
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
NCBI Protein Information	glutathione S-transferase P; GSTP1-1; GST class-pi; deafness, X-linked 7; fatty acid ethyl ester synthase III
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-gst3-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/254394>