

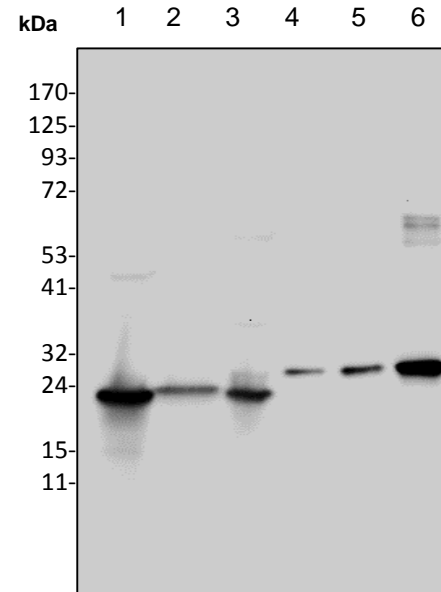
## GSTP1 Antibody

<b>ALTERNATE NAMES:</b>	Glutathione S-transferase P, GST class-pi, GSTP1-1
<b>CATALOG NO. :</b>	A1003-100
<b>AMOUNT:</b>	100 µg (0.5 mg/ml)
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	human GSTP1 recombinant protein (Cat. No. 6347)
<b>INTERNAL ID:</b>	BV-Q7
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>MOLECULAR WEIGHT:</b>	23.4 kDa
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Supplied in PBS (pH 7.2) with 0.01 % BSA, 0.03 % ProClin®, and 50 % glycerol
<b>SPECIES REACTIVITY:</b>	Human, Mouse and Rat
<b>STORAGE CONDITIONS:</b>	Store at -20°C. Avoid repeated freeze/thaw cycles.

**DESCRIPTION:** Glutathione S-transferase P is an enzyme in human encoded by the GSTP1 gene. 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. The glutathione S-transferase pi gene (GSTP1) 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.

**APPLICATION:** Western blot: 1-4 µg/ml

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western Blot analysis of anti-GSTP1 antibody with Jurkat cells (1), 3T3 cells (2) and rat kidney lysate (3). GSTP1 (arrow) was detected using the purified antibody. Antibody sensitivity is also tested by 2 ng (4), 10 ng (5), 100 ng (6) human GSTP1 (his-tagged) recombinant protein.

### RELATED PRODUCTS:

- Human Recombinant GSTP1 (Cat. No. 6347-100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**