

Rabbit anti-Human GSTZ1 Polyclonal Antibody | anti-GSTZ1 antibody

Anti-GSTZ1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255732	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

GSTZ1; Polyclonal Antibody; Anti-GSTZ1 Antibody; Rabbit Polyclonal; GSTZ1 Antibody; Rabbit PAb; Antigen Affinity Purified; glutathione S-transferase zeta 1; Anti-GSTZ1-1 Antibody; Anti-MAAI Antibody; Anti-MAI Antibody; anti-GSTZ1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GSTZ1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GSTZ1 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human GSTZ1 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human GSTZ1 (rh GSTZ1). GSTZ1 specific IgG was purified by Human GSTZ1 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.

IMAGES



IP (Immunoprecipitation)

GSTZ1 was immunoprecipitated using: Lane A: 0.5 mg mouse liver Whole Cell Lysate 4 uL anti-GSTZ1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-GSTZ1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 24 kDa. Observed band size: 26 kDa.



WB (Western Blot)

Anti-GSTZ1 rabbit polyclonal antibody at 1:500 dilution. Lane A: Hep G2 Whole Cell Lysate. Lane B: 293T Whole Cell Lysate. Lane C: mouse liver tissue lysate. Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 24 kDa. Observed band size: 26 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTZ1 antibody	GSTZ1 (Glutathione S-Transferase Zeta 1) is a Protein Coding gene. 3 alternatively spliced human isoforms have been reported. GSTZ1 gene is a member of the glutathione S-transferase (GSTs) super-family which encodes multifunctional enzymes important in the detoxification of electrophilic molecules, including carcinogens, mutagens, and several therapeutic drugs, by conjugation with glutathione. GSTZ1 is a bifunctional protein that has minimal glutathione-conjugating activity with ethacrynic acid and 7-chloro-4-nitrobenzo-2-oxa-1, 3-diazole and maleylacetoacetate isomerase activity. GSTZ1 catalyzes the glutathione-dependent oxygenation of dichloroacetic acid to glyoxylic acid. GSTZ1 participates in the catabolism of phenylalanine and tyrosine. Thus defects in GSTZ1 cause harsh metabolic disorders including alkaptonuria, phenylketonuria, and tyrosinemia.
References	Tong Z. et al., 1999, Chem Res Toxicol. 11 (11): 1332-8. Tong Z. et al., 1999, Biochem J. 331 (2): 371-4. Ketterer B. 2001, Chem Biol Interact. 138 (1): 27-42.

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/gstz1-antibody-immunoprecipitation-western-blot-elisa/255732>