

Rabbit GST3/GST pi Polyclonal Antibody | anti-GSTP1 antibody

Anti-GST3/GST pi antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44937	Rabbit	Human, Mouse, Rat No cross reactivity with other proteins	Immunohistochemistry, Western Blot

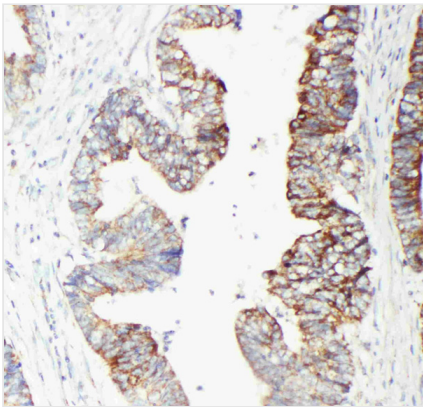
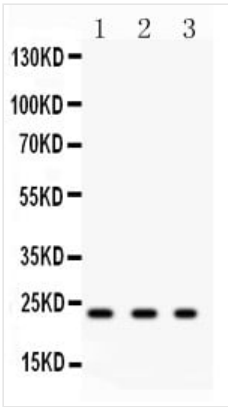
PRODUCT SYNONYMS

GST3/GST pi; Polyclonal Antibody; Anti-GST3/GST pi antibody; Glutathione S-transferase P 1(Gst P1); glutathione S-transferase pi 1; Deafness antibody; Deafness X-linked 7 antibody; DFN7 antibody; FAEES3 antibody; Fatty Acid Ethyl Ester Synthase III antibody; Glutathione S Transferase 3 antibody; Glutathione S Transferase Pi antibody; Glutathione S-transferase P antibody; Glutathione S-transferase pi 1 antibody; GST class-pi antibody; GST3 antibody; GSTP antibody; Gstp1 antibody; GSTP1-1 antibody; GSTP1_HUMAN antibody; PI antibody; X linked 7 antibody; anti-GSTP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Applicable Applications for anti-GSTP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide mapping at the N-terminal of human GST pi (12-32aa RGRCAALRMLLADQGQSWKEE), different from the related rat and mouse sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time.

IMAGES



WB (Western Blot)

Anti-GST3/GST pi antibody, AAA44937, Western blotting All lanes: Anti GST3/GST pi (AAA44937) at 0.5ug/ml Lane 1: Rat Kidney Tissue Lysate at 50ug Lane 2: HELA Whole Cell Lysate at 40ug Lane 3: COLO320 Whole Cell Lysate at 40ug Predicted bind size: 23KD Observed bind size: 23KD

IHC (Immunohistochemistry)

Anti-GST3/GST pi antibody, AAA44937, IHC(P) IHC(P): Human Intestinal Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-GSTP1 antibody

Description: Rabbit IgG polyclonal antibody for Glutathione S-transferase P(GSTP1) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: Glutathione S-transferases pi, also known as GST3, present in all tissues and cells, with the exception of red cells, in which only erythrocyte GST(GSTe) is observed. The GST-pi gene has 7 exons and 6 introns contained within approximately 2.8 kilobases. The GST-pi gene is mapped to chromosome 11. Placental glutathione-S-transferase-pi mRNA is abundantly expressed in human skin. GSTP does not contribute in vivo to the formation of glutathione conjugates of acetaminophen but plays a novel and unexpected role in the toxicity of this compound.

NCBI AND UNIPROT INFORMATION

NCBI GI #	121746
NCBI GeneID	2950
UniProt Accession #	P09211; O00460; Q15690; Q5TZY3
Molecular Weight	23,356 Da
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; GSTP1-1; GST class-pi; deafness, X-linked 7; epididymis secretory protein Li 22; 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.

