

Rabbit Glutathione S-transferase P Polyclonal Antibody | anti-GSTP1 antibody

Anti-GST3/GST pi Antibody

CATALOG # AAA46053	HOST Rabbit	REACTIVITY Human, Rat. No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Glutathione S-transferase P; Polyclonal Antibody; Anti-GST3/GST pi Antibody; Deafness antibody; Deafness X-linked 7 antibody; DFN7 antibody; FAES3 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; glutathione S-transferase pi 1; anti-GSTP1 antibody

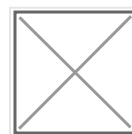
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	210
Applicable Applications for anti-GSTP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human GST3 recombinant protein (Position: P2-Q210). Human GST3 shares 85% and 86% amino acid (aa) sequences identity with mouse and rat GST3, respectively.
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. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti- GST3/GST pi Picoband antibody, AAA46053, IHC(P)IHC(P): Human Lung Cancer Tissue


IHC (Immunohistochemisry)

Anti- GST3/GST pi Picoband antibody, AAA46053, IHC(P)IHC(P): Rat Lung Tissue



WB (Western Blot)

Anti- GST3/GST pi Picoband antibody, AAA46053, Western blottingAll lanes: Anti GST3/GST pi (AAA46053) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Kidney Tissue Lysate at 50ugLane 3: Rat Liver Tissue Lysate at 50ugLane 4: Hela Whole Cell Lysate at 40ugLane 5: HT1080 Whole Cell Lysate at 40ugLane 6: MCF-7 Whole Cell Lysate at 40ugLane 7: SW620 Whole Cell Lysate at 40ugPredicted bind size: 23KDObserved bind size: 23KD



WB (Western Blot)

Anti- GST3/GST pi Picoband antibody, AAA46053, Western blottingAll lanes: Anti GST3/GST pi(AAA46053) at 0.5ug/mlWB: Recombinant Human GST3 Protein 0.5ngPredicted bind size: 32KDObserved bind size: 32KD

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;Rat.

Background: Glutathione S-transferases pi (GSTP1), also known as GST3, is an enzyme that in humans is encoded by the GSTP1 gene. This gene is mapped to 11q13.2. GSTP1 has 7 exons and 6 introns contained within approximately 2.8 kilobases. GSTP1 belongs to Glutathione S-transferases (GSTs) which 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. GSTP1 presents in all tissues and cells, with the exception of red cells, in which only erythrocyte GST(GSTe) is observed. What's more, 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.

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	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; FAES3; 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	FAES3; 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/glutathione-s-transferase-p-antibody-immunohistochemistry-western-blot-elisa/46053>