

Rabbit GSTA3 Polyclonal Antibody | anti-GSTA3 antibody

GSTA3 Polyclonal Antibody

CATALOG # AAA170519	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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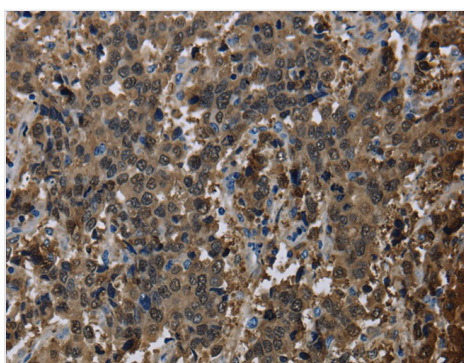
PRODUCT SYNONYMS

GSTA3; Polyclonal Antibody; GSTA3 Polyclonal Antibody; GTA3; GSTA3-3; anti-GSTA3 antibody

PRODUCT SPECIFICATIONS

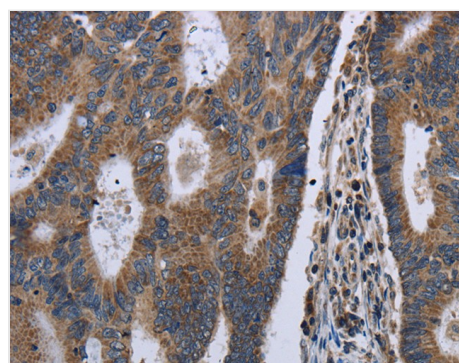
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	222
Applicable Applications for anti-GSTA3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human GSTA3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



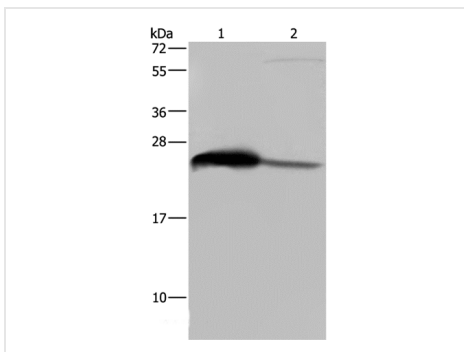
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human liver cancer using GSTA3 Polyclonal Antibody at dilution of 1:30



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using GSTA3 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Human testis tissue and HepG2 cell using GSTA3 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-GSTA3 antibody

Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. These enzymes are involved in cellular defense against toxic, carcinogenic, and pharmacologically active electrophilic compounds. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. This gene encodes a glutathione S-transferase belonging to the alpha class genes that are located in a cluster mapped to chromosome 6. Genes of the alpha class are highly related and encode enzymes with glutathione peroxidase activity. However, during evolution, this alpha class gene diverged accumulating mutations in the active site that resulted in differences in substrate specificity and catalytic activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430144
NCBI GeneID	2940
NCBI Accession #	NP_000838.3
NCBI GenBank Nucleotide #	NM_000847.4
Molecular Weight	25,302 Da
NCBI Official Full Name	glutathione S-transferase A3
NCBI Official Synonym Full Names	glutathione S-transferase alpha 3
NCBI Official Symbol	GSTA3
NCBI Official Synonym Symbols	GTA3; GSTA3-3
NCBI Protein Information	glutathione S-transferase A3; GST class-alpha member 3; S-(hydroxyalkyl)glutathione lyase A3; glutathione S-alkyltransferase A3; glutathione S-aralkyltransferase A3; glutathione S-aryltransferase A3; glutathione S-transferase A3-3
UniProt Protein Name	Glutathione S-transferase A3
UniProt Gene Name	GSTA3
UniProt Entry Name	GSTA3_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://www.aaabiotech.com/polyclonal/gsta3-antibody-immunohistochemistry-western-blot-elisa/170519>