

Rabbit anti-Human GSTA3 Polyclonal Antibody | anti-GSTA3 antibody

GSTA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301301	Rabbit	Human	Immunohistochemistry, Western Blot

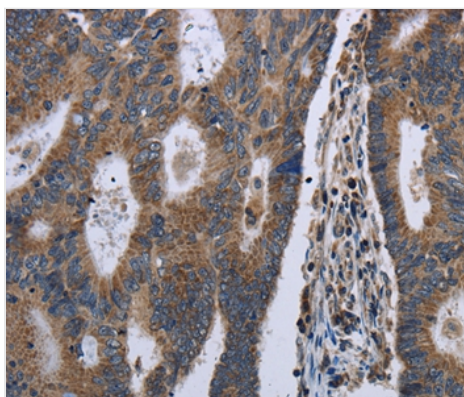
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

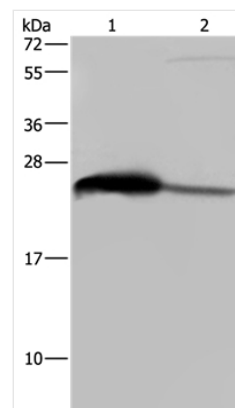
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GSTA3 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	222
Applicable Applications for anti-GSTA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	GSTA3
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/30.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human testis tissue and HepG2 cell Amount of lysate: 40ug per lane Primary antibody: 1/250 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

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.
Product Categories/Family for anti-GSTA3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430144
NCBI GeneID	2940
NCBI Accession #	NP_000838.3
NCBI GenBank Nucleotide #	NM_000847.4
UniProt Accession #	Q16772; O43468; Q068V6; Q8WWA8; Q9H415
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gsta3-antibody-immunohistochemistry-western-blot-elisa/301301>