

Rabbit GSTA2 Polyclonal Antibody | anti-GSTA2 antibody

GSTA2 Antibody

CATALOG # AAA225274	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
-------------------------------	-----------------------	--

PRODUCT SYNONYMS

GSTA2; Polyclonal Antibody; GSTA2 Antibody; Affinity Purified Rabbit Polyclonal GSTA2 Antibody; Polyclonal GSTA2 antibody; Anti-GSTA2 antibody; GSTA 2 antibody; glutathione S-alkyltransferase A2 antibody; GSTA-2 antibody; MGC10525 antibody; GTA2 antibody; liver GST2 antibody; GTH2 antibody; GSTA2-2 antibody; GST HA subunit 2 antibody; GSTA-2; glutathione S-aryltransferase A2 antibody; GST2 antibody; GSTA2 antibody; glutathione S-aralkyltransferase A2 antibody; GSTA 2; anti-GSTA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	222
Applicable Applications for anti-GSTA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	GSTA2 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 196 of GSTA2
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



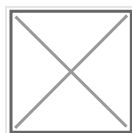
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:Hep G2) using a 12% SDS PAGE gel and GSTA2 antibody at a dilution of 1:3000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Stomach using GSTA2 antibody at a dilution of 1:100



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed Hep G2, using GSTA2 antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTA2 antibody	Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. These enzymes function in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione. The genes encoding these enzymes are known to be highly polymorphic. These genetic variations can change an individual's susceptibility to carcinogens and toxins as well as affect the toxicity and efficacy of some drugs. 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.
Product Categories/Family for anti-GSTA2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	215276987
NCBI GeneID	2939
NCBI GenBank Nucleotide #	NP_000837.3
UniProt Accession #	P09210
Molecular Weight	26 kDa
NCBI Official Full Name	glutathione S-transferase A2
NCBI Official Synonym Full Names	glutathione S-transferase alpha 2
NCBI Official Symbol	GSTA2
NCBI Official Synonym Symbols	GST2; GTA2; GTH2; GSTA2-2
NCBI Protein Information	glutathione S-transferase A2
UniProt Protein Name	Glutathione S-transferase A2
UniProt Gene Name	GSTA2
UniProt Synonym Gene Names	GST2

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.