

Rabbit anti-Human, mouse GSTA1 Polyclonal Antibody | anti-GSTA1 antibody

GSTA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288341	Rabbit	Human, mouse	ELISA, Western Blot

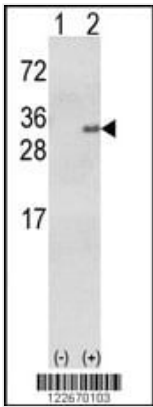
PRODUCT SYNONYMS

GSTA1; Polyclonal Antibody; GSTA1 Antibody; Glutathione S-transferase A1; GST HA subunit 1; GST class-alpha member 1; GST-epsilon; GSTA1-1; GTH1; N-terminally processed; anti-GSTA1 antibody

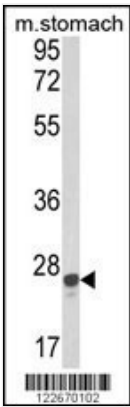
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GSTA1 antibody is generated from rabbits immunized with GSTA1 recombinant protein.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.29 (varies by lot)
Sequence Length	222
Applicable Applications for anti-GSTA1 antibody	ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

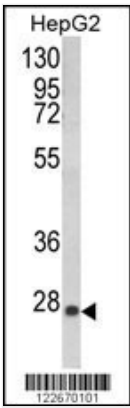
IMAGES



WB (Western Blot)
Western blot analysis of GSTA1 (arrow) using rabbit polyclonal GSTA1 Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GSTA1 gene (Lane 2).



WB (Western Blot)
Western blot analysis of GSTA1 Antibody in mouse stomach tissue lysates (35ug/lane). GSTA1 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of GSTA1 Antibody in HepG2 cell line lysates (35ug/lane). GSTA1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTA1 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.
Product Categories/Family for anti-GSTA1 antibody	Cell Biology; Metabolism; Signal transduction
References	Bogaards,J.J., et.al., Biochem. J. 286 (PT 2), 383-388 (1992) Mikhal'chik,E.V., et.al., Bull. Exp. Biol. Med. 147 (6), 753-756 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	22091454
NCBI GeneID	2938
NCBI Accession #	NP_665683.1
NCBI GenBank Nucleotide #	NM_145740.3
UniProt Accession #	P08263; Q14750; Q5GHF8; Q5SZC1
Molecular Weight	25631

NCBI Official Full Name	glutathione S-transferase A1
NCBI Official Synonym Full Names	glutathione S-transferase alpha 1
NCBI Official Symbol	GSTA1
NCBI Official Synonym Symbols	GST2; GTH1; GSTA1-1
NCBI Protein Information	glutathione S-transferase A1
UniProt Protein Name	Glutathione S-transferase A1
UniProt Gene Name	GSTA1
UniProt Entry Name	GSTA1_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/gsta1-antibody-western-blot-elisa/288341>