

Rabbit anti-Human GSTA4 Polyclonal Antibody | anti-GSTA4 antibody

GSTA4 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288679	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

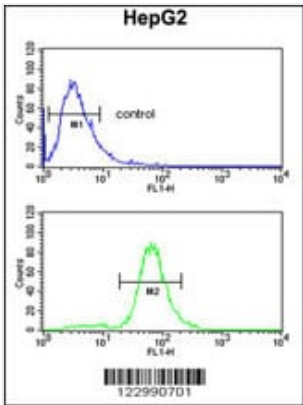
PRODUCT SYNONYMS

GSTA4; Polyclonal Antibody; GSTA4 Antibody (N-term); Glutathione S-transferase A4; GST class-alpha member 4; Glutathione S-transferase A4-4; anti-GSTA4 antibody

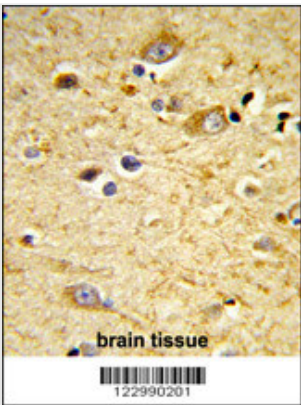
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GSTA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-90 amino acids from the N-terminal region of human GSTA4.
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: 0.444 (varies by lot)
Sequence Positions	62-90
Sequence Length	222
Applicable Applications for anti-GSTA4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

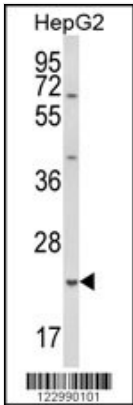
IMAGES



FCM/FACS (Flow Cytometry)
GSTA4 Antibody (N-term) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with GSTA4 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of GSTA4 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). GSTA4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTA4 antibody	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. This isozyme has a high catalytic efficiency with 4-hydroxyalkenals such as 4-hydroxynonenal (4-HNE).
Product Categories/Family for anti-GSTA4 antibody	Cell Biology; Metabolism; Signal transduction
References	Bruns C.M.,et.al., J. Mol. Biol. 288:427-439(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504173
NCBI GeneID	2941
NCBI Accession #	NP_001503.1
NCBI GenBank Nucleotide #	NM_001512.3
UniProt Accession #	O15217; Q5T7Q8; Q6P4G1; Q9BX18; Q9H414; B2RD15
Molecular Weight	25704
NCBI Official Full Name	glutathione S-transferase A4

NCBI Official Synonym Full Names	glutathione S-transferase alpha 4
NCBI Official Symbol	GSTA4
NCBI Official Synonym Symbols	GTA4; GSTA4-4
NCBI Protein Information	glutathione S-transferase A4
UniProt Protein Name	Glutathione S-transferase A4
UniProt Gene Name	GSTA4
UniProt Entry Name	GSTA4_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/gsta4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288679>