

Rabbit GSTA1 Polyclonal Antibody | anti-GSTA1 antibody

GSTA1 Polyclonal Antibody

CATALOG # AAA179766	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GSTA1; Polyclonal Antibody; GSTA1 Polyclonal Antibody; Glutathione S alkyltransferase A1; Glutathione S transferase 2; Glutathione S transferase Ha subunit 1; GST class-alpha member 1; GST epsilon; GST HA subunit 1; GST-epsilon; GST2; GSTA1-1; GTH1; HA subunit 1; MGC131939; anti-GSTA1 antibody

PRODUCT SPECIFICATIONS

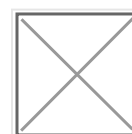
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GSTA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Mouse Gsta1 protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

IMAGES



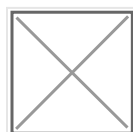
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney using GSTA1 Polyclonal Antibody at dilution of 1:200



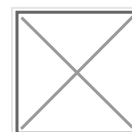
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat liver using GSTA1 Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using GSTA1 Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver using GSTA1 Polyclonal Antibody at dilution of 1:200



WB (Western Blot)

Western blot with Gsta1 Polyclonal antibody at dilution of 1:1000.lane 1:Caco-2 whole cell lysate,lane 2:Mouse liver,lane 3:Mouse testis,lane 4: Mouse kidney,lane 5:Mouse pancreas,lane 6:Rat liver,lane 7:Rat testis,lane 8: Rat kidney,lane 9:Rat pancreas

ADDITIONAL INFORMATION

Related Product Information for anti-GSTA1 antibody	This gene encodes a member of a family of enzymes that function to add glutathione to target electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins, and products of oxidative stress. This action is an important step in detoxification of these compounds. This subfamily of enzymes has a particular role in protecting cells from reactive oxygen species and the products of peroxidation. Polymorphisms in this gene influence the ability of individuals to metabolize different drugs. This gene is located in a cluster of similar genes and pseudogenes on chromosome 6. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-GSTA1 antibody	Polyclonal Antibodies ; Primary Antibodies ; Polyclonal Antibodies ; Signal Transduction ; Tags and Cell markers ; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	154350202
NCBI GeneID	14857
NCBI Accession #	NP_032207.3
NCBI GenBank Nucleotide #	NM_008181.3
UniProt Accession #	P13745 ; A2RTN4
Molecular Weight	25,608 Da
NCBI Official Full Name	glutathione S-transferase A1
NCBI Official Synonym Full Names	glutathione S-transferase, alpha 1 (Ya)
NCBI Official Symbol	Gsta1
NCBI Official Synonym Symbols	Gst2-1; OTTMUSG00000031890
NCBI Protein Information	glutathione S-transferase A1
UniProt Protein Name	Glutathione S-transferase A1
UniProt Gene Name	Gsta1
UniProt Synonym Gene Names	Gsta; Gstya
UniProt Entry Name	GSTA1_MOUSE

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-immunohistochemistry-western-blot-elisa/179766>