

Rabbit Glutathione S Transferase Alpha 1 (GSTa1) Polyclonal Antibody | anti-GSTa1 antibody

Polyclonal Antibody to Glutathione S Transferase Alpha 1 (GSTa1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132503	Rabbit	Human, Mouse, Pig	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry

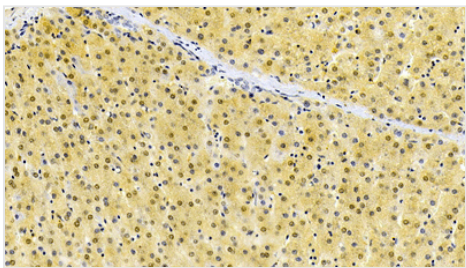
PRODUCT SYNONYMS

Glutathione S Transferase Alpha 1 (GSTa1); Polyclonal Antibody; Polyclonal Antibody to Glutathione S Transferase Alpha 1 (GSTa1); anti-GSTa1 antibody

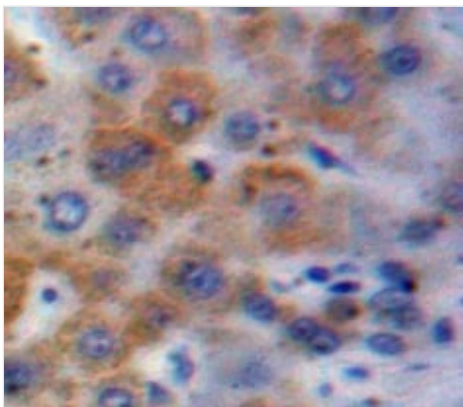
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GSTa1. It has been selected for its ability to recognize GSTa1 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1 mg/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGS- AEKPKLHYFN ARGRMESTRW LLAAAGVEFE EKFIKSAEDL DKLRNDGYLM FQQVPMVEID GMKLVQTRAI LNYIASKYNL YGKDIKERAL IDMYIEGIAD LGEMILLPV CPPEEKDAKL ALIKEKIKNR YFPAFEKVLK SHGQDYL VGN KLSRADIHLV ELLYYVEELD SSLISSFPLL KALKTRISNL PTVKKFLQPG SPRKPPMDEK SLEEARKIFR F
Sequence Length	222
Applicable Applications for anti-GSTa1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant GSTa1 (Ala2~Phe222 (Accession # P08263)) expressed in E.coli.
Cross Reactivity	Mouse, Pig
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Storage: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

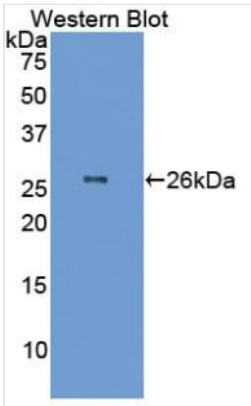
IMAGES



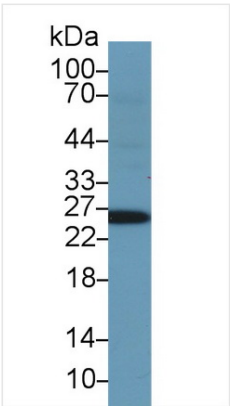
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 20ug/ml Rabbit Anti-Human GSTa1Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgGPolyclonal Antibody



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Liver tissue



WB (Western Blot)
Western Blot; Sample: Mouse Liver lysate;Primary Ab: 2ug/ml Rabbit Anti-Human GSTa1 AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG PolyclonalAntibody



WB (Western Blot)
Western Blot; Sample: Recombinant GSTa1, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22091454
NCBI GeneID	2938
NCBI Accession #	NP_665683.1
NCBI GenBank Nucleotide #	NM_145740.4
UniProt Accession #	P08263; Q14750; Q5GHF8; Q5SZC1
NCBI Official Full Name	glutathione S-transferase A1 isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase alpha 1
NCBI Official Symbol	GSTA1
NCBI Official Synonym Symbols	GST2; GTH1; GSTA1-1; GST-epsilon
NCBI Protein Information	glutathione S-transferase A1
UniProt Protein Name	Glutathione S-transferase A1
UniProt Gene Name	GSTA1

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.

