

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

Polyclonal Antibody to Glutathione S Transferase Alpha 1 (GSTa1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131980	Rabbit	Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

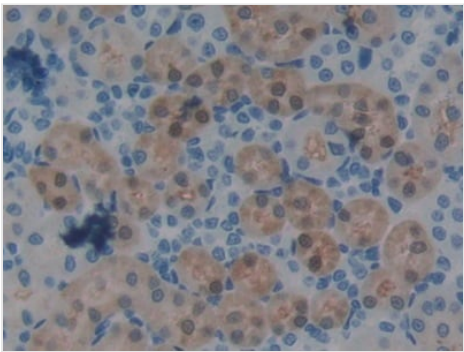
PRODUCT SYNONYMS

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

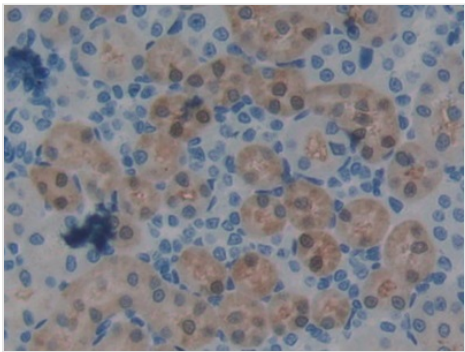
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
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	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHSGS -SGKPVLYHF NARGRMECIR WLLAAAGVEF DEKFIQSPED LEKLKKGDL MFDQVPMVEI DGMKLAQTRA ILNYIATKYD LYGKDMKERA LIDMYTEGIL DLTEMIMQLV ICPPDQKEAK TALAKDRITN RYLPFAFEKVL KSHGQDYLVG NRLTRVDIHL LELLYVEEF DASLLTSFPL LKAFKSRIS LPNVKKFLQP GSQRKLPVDA KQIEEARKIF KF
Sequence Length	222
Applicable Applications for anti-GSTa1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant GSTa1 (Ser2~Phe222) expressed in E.coli.
Cross Reactivity	Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

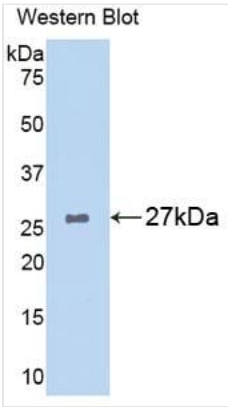
IMAGES



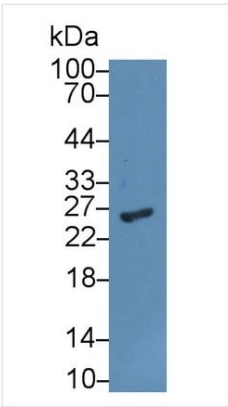
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Kidney Tissue



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



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Liver lysate; Primary Ab: 2ug/ml Rabbit Anti-Rat GSTa1 Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	51036637
NCBI GeneID	24422
NCBI Accession #	NP_058709.2
NCBI GenBank Nucleotide #	NM_017013.4
UniProt Accession #	P00502; Q6AZ72
Molecular Weight	25,607 Da
NCBI Official Full Name	glutathione S-transferase alpha-1
NCBI Official Synonym Full Names	glutathione S-transferase alpha 2
NCBI Official Symbol	Gsta2
NCBI Official Synonym Symbols	Gsta1
NCBI Protein Information	glutathione S-transferase alpha-1
UniProt Protein Name	Glutathione S-transferase alpha-1
UniProt Gene Name	Gsta1
UniProt Synonym Gene Names	GST Ya1

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/glutathione-s-transferase-alpha-1-gsta1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131980>