

Rabbit anti-Human, Rat Glutathione S Transferase Alpha 5 (GSTa5) Polyclonal Antibody | anti-GSTa5 antibody

Polyclonal Antibody to Glutathione S Transferase Alpha 5 (GSTa5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133717	Rabbit	Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

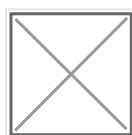
PRODUCT SYNONYMS

Glutathione S Transferase Alpha 5 (GSTa5); Polyclonal Antibody; Polyclonal Antibody to Glutathione S Transferase Alpha 5 (GSTa5); anti-GSTa5 antibody

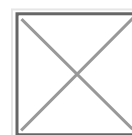
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GSTa5. It has been selected for its ability to recognize GSTa5 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 , 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 -MPGKPVLY FDGRGRMEPI RWLLAAAGVE FEENFLKTRD DLARLRSDGS LMFEQVPMVE IDGMKLVQTK AILNYIATKY NLYGKDMKER ALIDMYAEGV ADLELMVLYY PYMPPEGEKA SLAKIKDKAR NRYFPAYEKV LKSHGQDYL VGNKLSRADVS LVELLYHVEE MDPGIVDNFP LLKALRTRVS NLPTVKKFLQ PGSQRKPFDD EKCYESAKKI FS
Sequence Length	221
Applicable Applications for anti-GSTa5 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant GSTa5 (Met1~Ser221) expressed in E.coli.
Cross Reactivity	Human, 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.

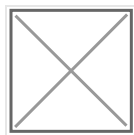
IMAGES



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



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded Liver 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 GSTa5 Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody**NCBI AND UNIPROT INFORMATION**

NCBI GI #	58331159
NCBI GeneID	494500
NCBI Accession #	NP_001009920.1
NCBI GenBank Nucleotide #	NM_001009920.2
UniProt Accession #	P46418; Q6LD91
Molecular Weight	25,347 Da
NCBI Official Full Name	glutathione S-transferase alpha-5 isoform 1
NCBI Official Synonym Full Names	glutathione S-transferase alpha 3
NCBI Official Symbol	Gsta3
NCBI Official Synonym Symbols	Yc2; Gsta5
NCBI Protein Information	glutathione S-transferase alpha-5
UniProt Protein Name	Glutathione S-transferase alpha-5
UniProt Gene Name	Gsta5
UniProt Synonym Gene Names	Gstyc2; GST Yc2

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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