



Goat anti-Gsta3/Gsta5/Gst Yc2 (rat) Antibody

Item Number	dAP-2305
Target Molecule	Principle Name: Gsta3/Gsta5/Gst Yc2 (rat); Official Symbol: Gsta3; All Names and Symbols: Gsta3; Gsta5; glutathione S-transferase Yc2 subunit; MGC112704; Yc2; GST A5-5; GST Yc2; glutathione S-transferase Yc-2; glutathione S-transferase alpha-5; glutathione S-transferase A3; glutathione S-transferase alpha 3; Accession Number (s): NP_001009920.1; Human Gene ID(s): ; Non-Human GeneID(s): 14859 (mouse) 494500 (rat)
Immunogen	EMDPGIVDNFLLK, is from internal region Reported variants represent identical protein: NP_001009920.1, NP_001153211.1. Please note that this antibody is expected to cross-react to the homologous Mouse protein Gsta3
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 25kDa band observed in Mouse and Rat lysates (calculated MW of 25.3kDa according to NP_001009920.1. Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Pulford DJ, Hayes JD, Characterization of the rat glutathione S-transferase Yc2 subunit gene, GSTA5: identification of a putative antioxidant-responsive element in the 5'-flanking region of rat GSTA5 that may mediate chemoprotection against aflatoxin B1. The Biochemical journal 1996 Aug 318 (Pt

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**