



Goat anti-Gsta3 (rat) Antibody

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| Item Number | dAP-2315 |
| Target Molecule | Principle Name: Gsta3 (rat); Official Symbol: Gsta3; All Names and Symbols: Gsta3; glutathione S-transferase A3; Gsta1; Gsta5; MGC112704; Yc1; GST 2-2; GST A3-3; GST AA; GST Yc1; Glutathione-S-transferase alpha type (Ya); glutathione S-transferase A3 subunit; glutathione S-transferase A5; glutathione S-transferase Yc-1; glutathio; Accession Number (s): NP_113697.1; Human Gene ID(s): ; Non-Human GeneID(s): 24421 (rat) |
| Immunogen | ELDPSALANFPLLK, is from internal region Reported variants represent identical protein: NP_001009920.1, NP_001153211.1. Please note that this antibody is not expected to cross-react to Rat Gsta5. |
| Applications | Pep ELISA, WB Species Tested: 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 8000. |
| Western Blot | Western Blot: Approx 26kDa band observed in Rat Liver lysates (calculated MW of 25.3kDa according to NP_113697.1). Recommended concentration: 0.1-0.3µg/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**