

Goat anti-GSTO1 Antibody

Item Number dAP-3104

Target Molecule	Principle Name: GSTO1; Official Symbol: GSTO1; All Names and Symbols: GSTO1; glutathione S-transferase omega 1; GSTO 1-1; GSTLP28; P28; SPG-R; GSTO-1; MMA(V) reductase; S-(Phenacyl) glutathione reductase; glutathione S-transferase omega 1-1; glutathione S-transferase omega-1; glutathione-S-transferase like; glutathione-depe; Accession Number (s): NP_004823.1; NP_001177931.1; NP_001177932.1; Human Gene ID(s): 9446; Non-Human GenelD(s):
Immunogen	KEDPTVSALLTSEKD, is from internal region (near C terminus) This antibody is expected to recognize all reported isoforms (NP_004823.1; NP_001177931.1; NP_001177932.1).
Applications	Pep ELISA, WB
	Species Tested: Human
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 128000.
Western Blot	Western Blot: Approx 28kDa band observed in Human Liver and in Peripheral Blood Mononucleocytes lysates (calculated MW of 27.6kDa according to NP_004823.1). Recommended concentration: 0.5-2µg/ml.
IHC	
Reference	Reference(s): Zhou H, Brock J, Liu D, Board PG, Oakley AJ. Structural insights into the dehydroascorbate reductase activity of human omega-class glutathione transferases. <i>Journal of molecular biology</i> 2012 Jul 420 (3): 190-203..PMID: 22522127->

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**