

## Goat anti-GSTO1 Antibody

<b>Item Number</b>	dAP-3104
<b>Target Molecule</b>	Principle Name: GSTO1; Official Symbol: GSTO1; All Names and Symbols: GSTO1; glutathione S-transferase omega 1; GSTO 1-1; GSTTLp28; 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 GeneID(s):
<b>Immunogen</b>	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).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. Journal of molecular biology 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**