

Goat anti-GGT1 Antibody

Item Number	dAP-2820
Target Molecule	Principle Name: GGT1; Official Symbol: GGT1; All Names and Symbols: GGT1; gamma-glutamyltransferase 1; CD224; D22S672; D22S732; GGT; GGT 1; GTG; gamma-glutamyl transpeptidase; gamma-glutamyltranspeptidase 1; glutamyl transpeptidase; glutathione hydrolase 1; Accession Number (s): NP_005256.2; Human Gene ID(s): 2678; Non-Human GeneID(s):
Immunogen	PSASKEPDNHVYTR, is from internal region (near N terminus) Reported variants represent identical protein: NP_038347.2, NP_001027536.1, NP_001027537.1, NP_005256.2.
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 60kDa band observed in Human Kidney lysates (calculated MW of 61.4kDa according to NP_005256.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): West MB, Wickham S, Quinault LM, Pavlovic RE, Li C, Hanigan MH. Autocatalytic cleavage of human gamma-glutamyl transpeptidase is highly dependent on N-glycosylation at asparagine 95. <i>J Biol Chem.</i> 2011 Aug 19;286(33):28876-88.. PMID: 21712391->

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 end users! This product is sold for **Research Use Only**