

Goat anti-ALT1 / GPT1 (aa391-405) Antibody

Item Number	dAP-3408
Target Molecule	Principle Name: ALT1 / GPT1 (aa391-405); Official Symbol: GPT; All Names and Symbols: GPT; glutamic-pyruvate transaminase (alanine aminotransferase); AAT1; ALT1; GPT1; GPT 1; alanine aminotransferase 1; glutamate pyruvate transaminase 1; glutamic--alanine transaminase 1; glutamic--pyruvic transaminase 1; glutamic-alanine transaminase 1; Accession Number (s): NP_005300.1; Human Gene ID(s): 2875; Non-Human GeneID(s):
Immunogen	KLTEQVFNEAPGISC, is from internal region
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 52kDa band observed in Human Liver lysates (calculated MW of 54.6kDa according to NP_005300.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Liu L, Zhong S, Yang R, Hu H, Yu D, Zhu D, Hua Z, Shuldiner AR, Goldstein R, Reagan WJ, Gong DW. Expression, purification, and initial characterization of human alanine aminotransferase (ALT) isoenzyme 1 and 2 in High-five insect cells. Protein expression and purification 2008 Aug 60 (2): 225-

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**