

Goat anti-GOT1 (aa 157-167), Biotinylated Antibody

Item Number	dAP-3404
Target Molecule	Principle Name: GOT1 (aa 157-167), Biotinylated; Official Symbol: GOT1; All Names and Symbols: GOT1; glutamic-oxaloacetic transaminase 1; AST1; ASTQTL1; GIG18; cAspAT; cCAT; aspartate aminotransferase 1; aspartate transaminase 1; cysteine aminotransferase, cytoplasmic; cysteine transaminase, cytoplasmic; glutamate oxaloacetate transaminase 1; gluta; Accession Number (s): NP_002070.1; Human Gene ID(s): 2805; Non-Human GeneID(s): 24401 (rat)
Immunogen	CRSYRYWDAEKR., is from internal region
Applications	Pep ELISA, WB, IHC 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 4000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Liver lysates (calculated MW of 46.2kDa according to NP_002070.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Feld FM, Nagel PD, Weissinger SE, Welke C, Stenzinger A, Möller P, Lennerz JK. GOT1/AST1 expression status as a prognostic biomarker in pancreatic ductal adenocarcinoma. Oncotarget 2015 Feb 6 (6): 4516-26..PMID: 25595905->

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**