

## Goat anti-GOT1 (aa 22-35) Antibody

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| <b>Item Number</b>     | dAP-1258   |
| <b>Target Molecule</b> | Principle Name: GOT1 (aa 22-35); Official Symbol: GOT1; All Names and Symbols: GOT1; glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1); GIG18; aspartate aminotransferase 1; growth-inhibiting protein 18; Accession Number (s): NP_002070.1; Human Gene ID(s): 2805; Non-Human GeneID(s): 14718 (mouse) |
| <b>Immunogen</b>       | TADFREDPDPRKVN, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB<br>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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 16000.   |
| <b>Western Blot</b>    | Western Blot: Approx 40kDa band observed in Human Liver lysates (calculated MW of 46.2kDa according to NP_002070.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Berk et al, Proc Natl Acad Sci U S   |
| <b>IHC</b>             |  |
| <b>Reference</b>       | Reference(s): Teichberg VI. From the liver to the brain across the blood-brain barrier. Proc Natl Acad Sci U S A. 2007 May 1;104(18):7315-6. Epub 2007 Apr 26. No.PMID: 17463093->   |

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**