

Goat anti-GOT2 Antibody

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| Item Number | dAP-3088 |
| Target Molecule | Principle Name: GOT2; Official Symbol: GOT2; All Names and Symbols: GOT2; glutamic-oxaloacetic transaminase 2; mitochondrial aspartate aminotransferase 2 ; FLJ40994; aspartate aminotransferase 2; Accession Number (s): NP_002071.2; Human Gene ID(s): 2806; Non-Human GeneID(s): |
| Immunogen | QGYRYDPKTCGFD, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Human, Mouse |
| 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 8000. |
| Western Blot | Western Blot: Approx 45kDa band observed in lysates of cell line HepG2, and of Mouse Brain and Heart (calculated MW of 47.5kDa according to human NP_002071.2 and 47.4kDa according to mouse NP_034455.1). Recommended concentration: 0.3-1µg/ml. |
| IHC | |
| Reference | Reference(s): Pol S, Bousquet-Lemercier B, Pave-Preux M, Pawlak A, Nalpas B, Berthelot P, Hanoune J, Barouki R. Nucleotide sequence and tissue distribution of the human mitochondrial aspartate aminotransferase mRNA. Biochem Biophys Res Commun. 1988 Dec 30;157(3):1309-15..PMID: 3207426 -> |

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**