

#### **International Office**

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# EB08132 - Goat Anti-GOT1 (aa 22-35) Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** GOT1, glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1), GIG18, aspartate aminotransferase 1, growth-inhibiting protein 18

Official Symbol: GOT1

Accession Number(s): NP\_002070.1

Human GeneID(s): 2805

Non-Human GenelD(s): 14718 (mouse)

#### **Immunogen**

Peptide with sequence C-TADFREDPDPRKVN, from the internal region of the protein sequence according to NP\_002070.1.

Please note the <u>peptide</u> is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

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 A. 1990 May;87(9):3484-8; PMID: 2185471). Recommended concentration: 0.5-1.5μg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse



EB08132 ( $0.5\mu g/ml$ ) staining of Human Liver lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.