

## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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 GeneID(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 [peptide](#) 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 (0.5µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.