

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB08213 - Goat Anti-GOT1 (aa 157-167) 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): 24401 (rat)

Immunogen

Peptide with sequence C-RSYRYWDAEKR, 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 1:4000.

Western blot: Approx 40kDa band observed in Human Brain (Cerebellum), Liver and Skeletal Muscle 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: 0.01-1µg/ml.

IHC: In paraffin embedded Human Heart shows strong staining of the capillary network between the myocardial fibres in transverse secion. Recommended concentration: 2-3µg/ml. Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

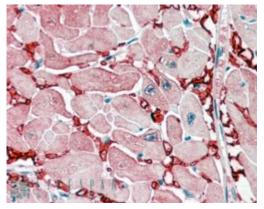
Species Reactivity

Tested: Human

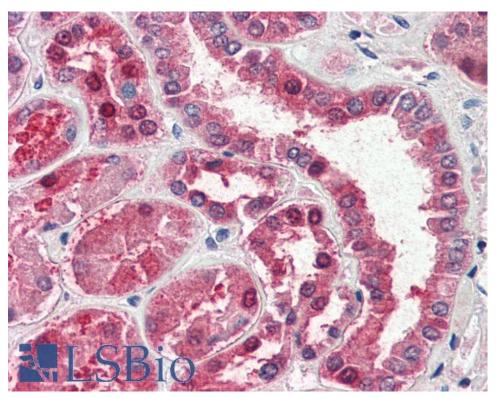
Expected from sequence similarity: Human, Rat



EB08213 ($0.01\mu g/ml$) staining of Human Liver lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB08213 (2.5 μ g/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08213 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.