EB12411 - Goat Anti-GSTO1 Antibody
Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: GSTO1, glutathione S-transferase omega 1, GSTO 1-1, GSTTLp28, P28, SPG-R, GSTO-1, MMA(V) reductase, S-(Phenacyl)glutathione reductase, glutathione S-transferase omega 1-1, glutathione S-transferase omega-1, glutathione-S-transferase like, glutathione-depe

Official Symbol: GSTO1

Accession Number(s): NP_004823.1; NP_001177931.1; NP_001177932.1

Human GeneID(s): 9446

Important Comments: This antibody is expected to recognize all reported isoforms (NP_004823.1; NP_001177931.1; NP_001177932.1).

Immunogen

Peptide with sequence C-KEDPTVSALLTSEKD, from the internal region (near C terminus) of the protein sequence according to NP_004823.1; NP_001177931.1; NP_001177932.1.

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

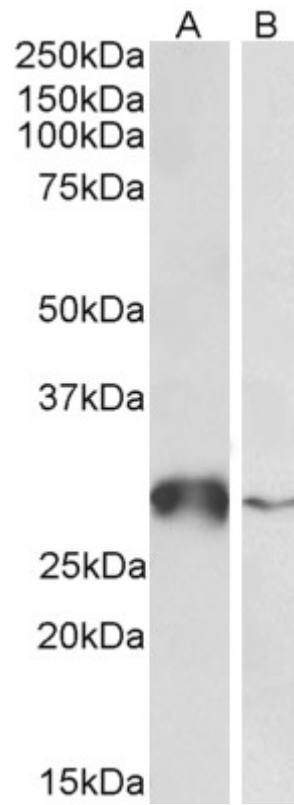**Peptide ELISA:** antibody detection limit dilution 1:128000.

Western blot: Approx 28kDa band observed in Human Liver and in Peripheral Blood Mononucleocytes lysates (calculated MW of 27.6kDa according to NP_004823.1). Recommended concentration: 0.5-2µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB12411 (0.5µg/ml) staining of Human Liver (A) and Peripheral Blood Lymphocytes (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.