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Research Use Only. Not for diagnostic or therapeutic use.

EB12401 - Goat Anti-BLVRB (aa38-49) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BLVRB, biliverdin reductase B (flavin reductase (NADPH)), BVRB, FLR, SDR43U1, BVR-B, FR, GHBP, NADPH-dependent diaphorase, NADPH-flavin reductase, biliverdin-IX beta-reductase, flavin reductase (NADPH), green heme-binding

protein, short chain dehydrogenas

Official Symbol: BLVRB

Accession Number(s): NP_000704.1

Human GeneID(s): 645

Immunogen

Peptide with sequence C-SRLPSEGPRPAH, from the internal region of the protein sequence according to NP_000704.1.

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 23kDa band observed in Human Liver lysates (calculated MW of 22.1kDa according to NP_000704.1). Recommended concentration: 0.1-0.3μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Spleen (erythrocytes) and Liver. Recommended concentration: 5µg/ml.

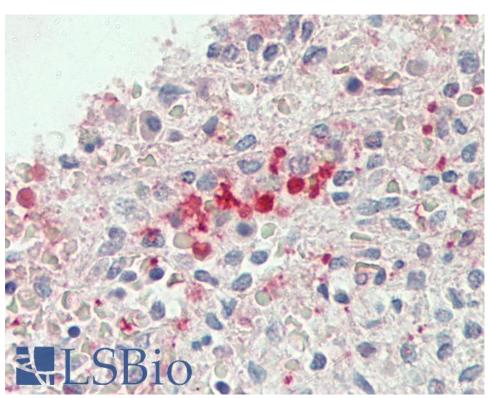
Species Reactivity

Tested: Human

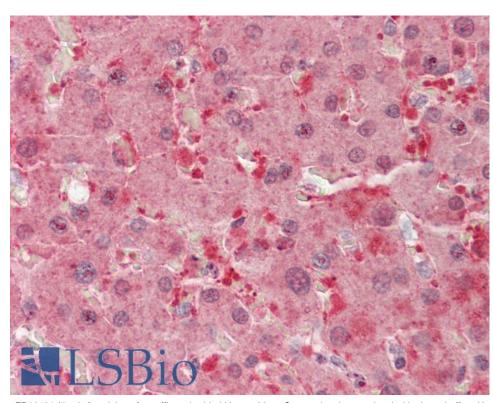
Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12401 (0.1 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB12401 (5μg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12401 ($5\mu g/ml$) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.