

Goat anti-BLVRB (aa38-49) Antibody

Item Number	dAP-3068
Target Molecule	Principle Name: BLVRB (aa38-49); Official Symbol: BLVRB; All Names and Symbols: 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 dehydrogenase; Accession Number (s): NP_000704.1; Human Gene ID(s): 645; Non-Human GeneID(s):
Immunogen	SRLPSEGPRPAH, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): Smith LJ, Browne S, Mulholland AJ, Mantle TJ. Computational and experimental studies on the catalytic mechanism of biliverdin-IXbeta reductase. The Biochemical journal 2008 May 411 (3): 475-84..PMID: 18241201->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**