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Research Use Only. Not for diagnostic or therapeutic use.

EB08792 - Goat Anti-APOB Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APOB, apolipoprotein B (including Ag(x) antigen), FLDB, apoB-100,

apolipoprotein B

Official Symbol: APOB

Accession Number(s): NP_000375.3

Human GeneID(s): 338

Important Comments: This antibody only recognises ApoB-100 and not the cleaved

chain ApoB-48.

Immunogen

Peptide with sequence C-TDLHLRYQKDKK, from the internal region of the protein sequence according to NP_000375.3.

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 1:32000.

Western blot: Customer data showed a band corresponding to the exopected size of ApoB-100 in Human serum samples from five different individuals (calculated Mwt of 515kDa according to NP_000375.3). The smalller bands shown are believed to be degradation products of ApoB-100 (not ApoB-48). Recommended concentration: 0.3-1µg/ml.

IHC: Paraffin embedded Human Liver and Small Intestine. Recommended concentration: 2µg/ml.

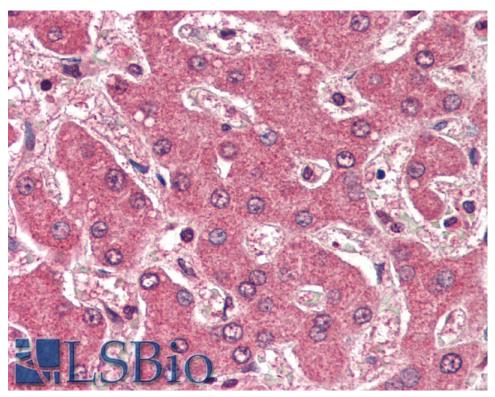
Species Reactivity

Tested: Human

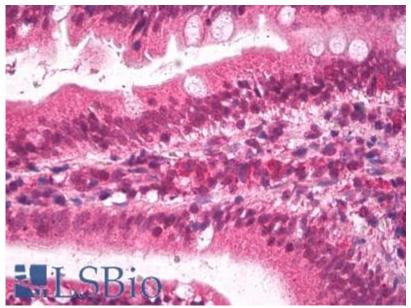
Expected from sequence similarity: Human



EB08792 (0.5μg/ml) staining of Human Serum lysates. Data kindly provided by Yan Xie and NO Davidson, Washington USA. This antibody showed background below 150kDa in serum samples.



EB08792 (2μg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08792 (2µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.