

## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**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 expected size of ApoB-100 in Human serum samples from five different individuals (calculated Mwt of 515kDa according to NP\_000375.3). The smaller 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.

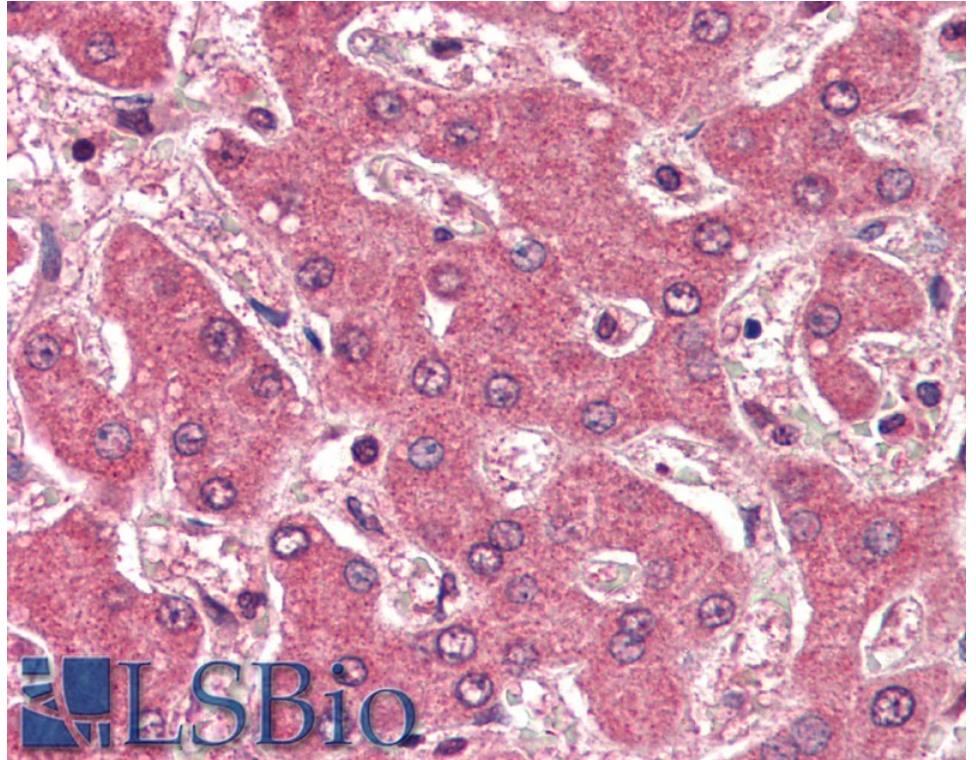
### Species Reactivity

**Tested:** Human

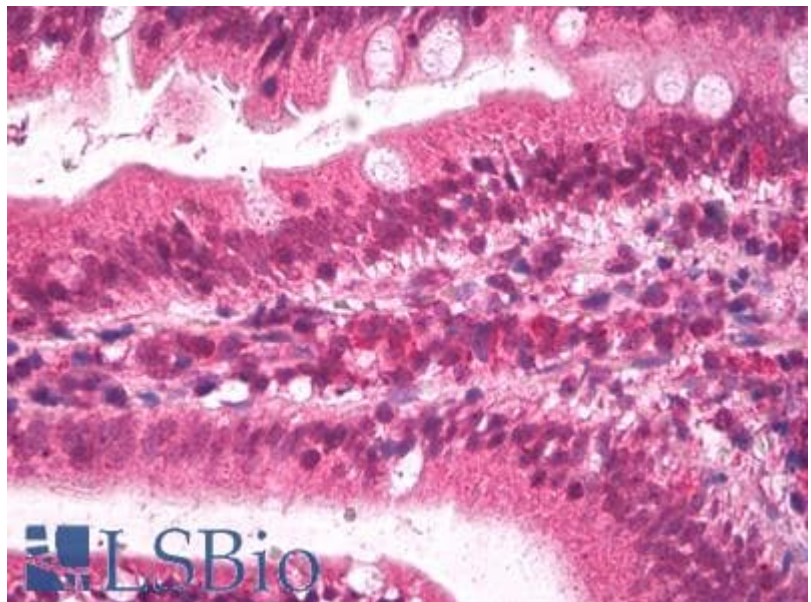
**Expected from sequence similarity:** Human



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.