



## 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.**

## EB12281 - Goat Anti-APOD Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** APOD, apolipoprotein D, apo-D

**Official Symbol:** APOD

**Accession Number(s):** NP\_001638.1

**Human GeneID(s):** [347](#)

### Immunogen

Peptide with sequence EIEKIPTTFENGRC, from the internal region of the protein sequence according to NP\_001638.1.

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.

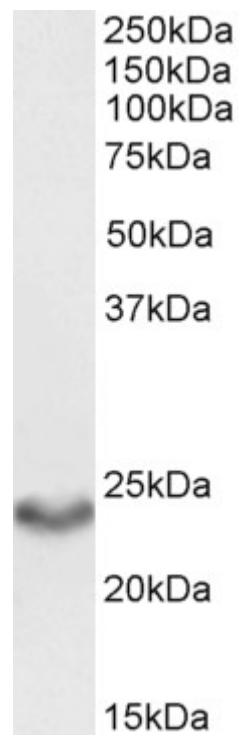
**Western blot:** Approx 24kDa band observed in Human Kidney lysates and also in preliminary testing of Human Liver lysates (calculated MW of 21.3kDa according to NP\_001638.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.01-0.03µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** Paraffin embedded Human Liver. Recommended concentration: 4-5µg/ml.

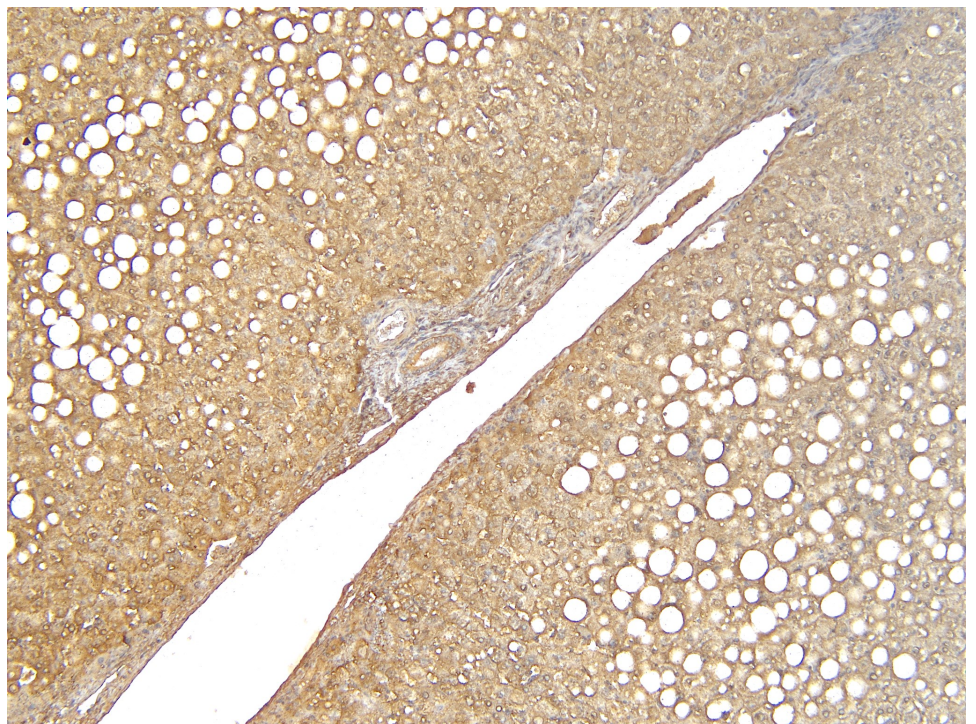
### Species Reactivity

**Tested:** Human

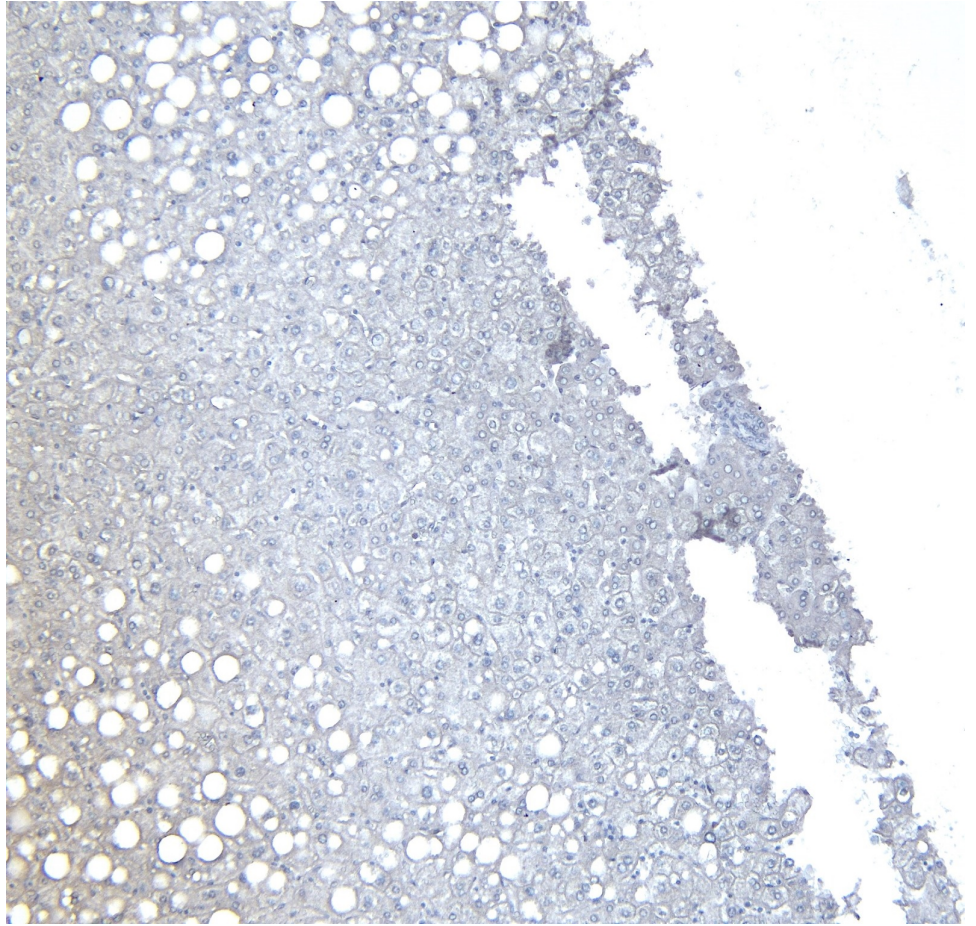
**Expected from sequence similarity:** Human



EB12281 (0.01 $\mu$ g/ml) staining of Human Kidney lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB12281 (4 $\mu$ g/ml) staining of paraffin embedded Human Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB12281 Negative Control showing staining of paraffin embedded Human Liver, with no primary antibody.