

UK Office

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

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): <u>347</u>

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

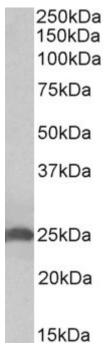
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 25kDa band observed in Human Liver and Kidney lysates (calculated MW of 21.3kDa according to NP_001638.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml. **IHC:** Paraffin embedded Human Kidney and Adrenal Gland. Recommended concentration: 5µg/ml.

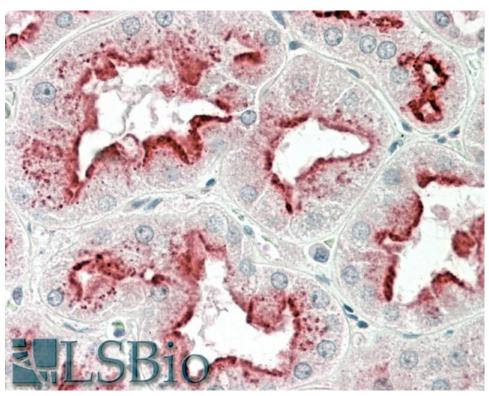
Species Reactivity

Tested: Human Expected from sequence similarity: Human

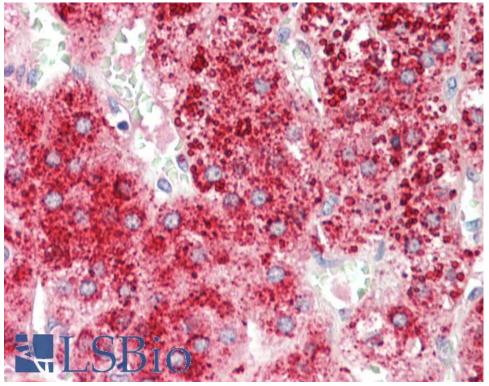




EB12281 (0.3µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12281 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12281 (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.