

International Office

Everest Biotech Ltd

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

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07742-B - Goat Anti-FABP2, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FABP2, fatty acid binding protein 2, intestinal, FABPI, I-FABP, fatty acid-binding protein 2, intestinal-type fatty acid-binding protein, Fatty acid-binding protein, intestinal, intestinal fatty acid binding protein 2, MGC133132

Official Symbol: FABP2

Accession Number(s): NP_000125.2

Human GeneID(s): 2169

Non-Human GeneID(s): 14079 (mouse)

Immunogen

Peptide with sequence C-EGVEAKRIFKKD., from the C Terminus of the protein sequence according to NP_000125.2.

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 1:64000.

Western blot: Approx 16kDa band observed in Mouse Duodenum lysates (calculated MW of 15.1kDa according to Mouse NP_032006.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB07742 (0.1μg/ml) staining of Mouse Duodenum lysate (35μg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.