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Research Use Only. Not for diagnostic or therapeutic use.

EB12004 - Goat Anti-FABP4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FABP4, fatty acid binding protein 4, adipocyte, A-FABP, AFABP, ALBP, aP2, adipocyte lipid-binding protein, adipocyte-type fatty acid-binding protein, fatty acid-binding protein 4, fatty acid-binding protein, adipocyte

Official Symbol: FABP4

Accession Number(s): NP_001433.1

Human GeneID(s): 2167

Immunogen

Peptide with sequence C-SVNGDVITIKSEST, from the internal region of the protein sequence according to NP_001433.1.

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 14kDa band observed in Human Adipose tissue lysates (calculated MW of 14.7kDa according to NP_001433.1). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB12004 (0.03μg/ml) staining of Human Adipose lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.