

## International Office

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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

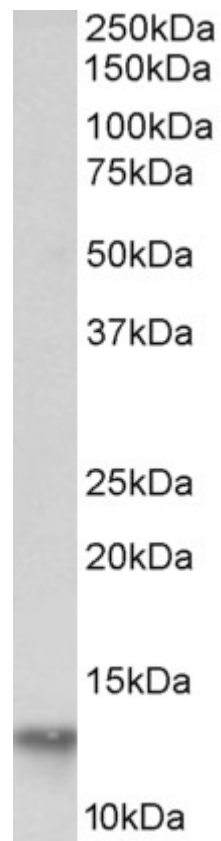
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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



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