

FABP2 Antibody

FABP2, fatty acid binding protein 2, intestinal, FABPI, I-FABP, MGC133132, Fatty acid-binding protein, intestinal, intestinal fatty acid binding protein 2

CATALOG NO.: 45-561

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

FABP2 Antibody.

SOURCE:

FABP2 antibody was raised against a synthetic peptide of FABP2.

PROTEIN ACCESSION NUMBER(S) :

NP_000125.1

SPECIES REACTIVITY:

Human, Mouse, Dog

TESTED APPLICATION:

WB, E

APPLICATION:

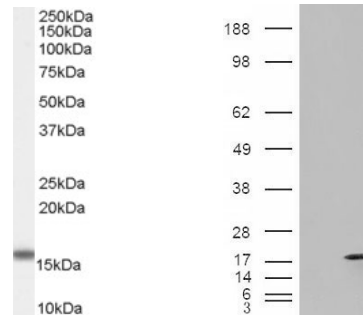
Peptide ELISA: antibody detection limit dilution 1:64,000.
Western Blot: A very strong approx 16kDa band observed in Human Duodenum lysates (calculated MW of 15.2kDa according to NP_000125.1). In transfected HEK293 transiently expressing FABP2 a band of approx. 18kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.001µg/ml.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Left: Western blot analysis of FABP2 in Human Duodenum lysate (35µg protein in RIPA buffer) using FABP2 antibody (0.001µg/ml). Right: HEK293 overexpressing FABP2 and probed with FABP2 antibody (mock transfection in first lane).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Takakura Y, Yoshioka K, Umekawa T, Kogure A, Toda H, Yoshikawa T, Yoshida T. Thr54 allele of the FABP2 gene affects resting metabolic rate and visceral obesity. *Diabetes Res Clin Pract.* 2005 Jan;67(1):36-42.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.