



Human Fatty Acid Binding Protein-4 Antibody

Preparation

This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant human AFABP/FABP-4 (Met¹-Ala¹³²), His Tag on N-Terminal.

Formulation

100 µl of net rabbit Antiserum in lyophilized form.

Storage

Lyophilized antibody can be stored at 4 °C for a few weeks or at -20 °C for six months.

Add 100 µl of deionized water to the vial to prepare undiluted serum. Store rehydrated antibody at 2 ~8 °C for a few weeks.

This antibody can also be aliquotted (by 10 µl per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize human Adipocyte Fatty Acid Binding Protein in direct ELISA and western blots as well as immunohistochemistry. It does not show any cross-reactivity with human FABP-3 & FABP-7, human Visfatin, human Omentin 1, RBP-4, Leptin, Resistin, Insulin, TNF-α, IL-6, Chemerin, FGF-21 as well as vaspin.

Applications

Direct ELISA - This antibody can be used at 1: 5000 to detect human AFABP/FABP-4.

Western blot - This antibody can be used at 1: 500 [0.1 - 0.2 µl/mL] to detect AFABP/FABP-4 in human and rat serum sample, rat brown fat tissue and visceral fat tissue under reducing condition. The MW is 19 KDa.

Immunohistochemistry- That Antibody can be used at 1: 200~ 500 to detect AFABP/FABP-4 in human as well as rat visceral adipose tissues (ABC).

Optimal dilutions should be determined by each laboratory for each application.

Focus on Adipokines

Order Information

Code No.: A00030-06

Clone No.: Polyclonal

Lot No.: 000034

Size: 100 µl

Host: rabbit

Immunogen: Human AFABP, rec.

Specificity: Human

Formulation: lyophilized form

IgG Type: IgG

Storage: -20 °C

Application: ELISA

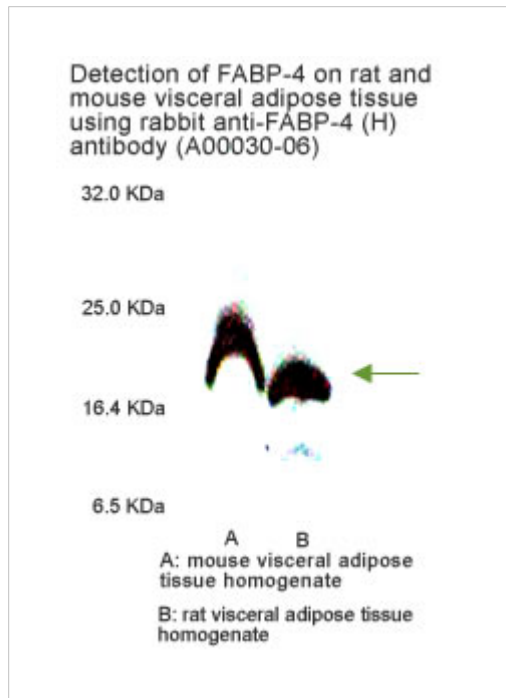
Western blot

IHC

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

ADIPOBIOTECH

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Detection of FABP-4 on human visceral adipose tissue

