



Focus on Adipokines

Order Information

Code No.: A00020-01-100

Clone No.: polyclonal

Lot No.: 000039

Size: 100 µl

Host: rabbit

Immunogen: human Omentin1, rec.

Specificity: Human , Rat

Formulation: Lyophilized form

IgG Type: IgG

Storage: -20 °C

Application: ELISA

WB

IHC

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

Human Omentin 1 Antibody

Preparation

This antiserum was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant human Omentin 1 (Thr¹⁹-Arg³¹³), His Tag on N-Terminal.

Formulation

100 µl of net rabbit antiserum in Lyophilized form.

Reconstitution & Storage

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 uL per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. Lyophilized antibody can be stored at 2 ~8 °C for a few weeks or at -20 °C for six months. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for its ability to recognize human Omentin1 in direct ELISAs and western blots. But it does not show any crossreactivity with mouse FGF-21, rat Visfatin and FABP-4, human FGF-21, RBP-4, Leptin, Adiponectin, Resistin, Insulin, TNF-a, IL-6, Chemerin, FABP4 as well as vaspin.

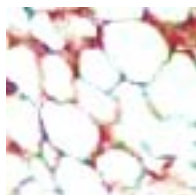
Applications

Direct ELISA - This antibody can be used at 1: 5000 to detect human Omentin 1.

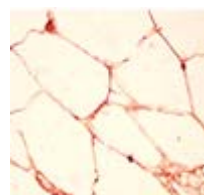
Western blot - This antibody can be used at 1: 500-1000 [0.1 - 0.2 µl/mL] to detect Omentin 1 in human serum sample under reduce condition.

Immunohistochemistry- That antibody can be used at 1: 500 to detect Omentin1 in human and rat visceral adipose tissue slide.

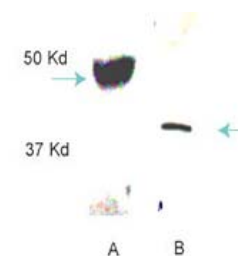
Optimal dilutions should be determined by each laboratory for each application.



Rat visceral adipose



Human visceral adipose



A: h recombinant Omentin1
B: h serum sample

ADIPOBIOTECH

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