



Focus on Adipokines

Order Information

Code No.: A00020-08-50

Clone No.: Polyclonal

Lot No.: 000035

Size: 50 μ l

Host: Mouse

Immunogen: human
Omentin1, rec.

Specificity: Human , Rat

Formulation: Liquid form

IgG Type: IgG

Storage: -20 °C

Application: ELISA

IHC

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

Human Omentin 1 Mouse Polyclonal Antibody

Preparation

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

Formulation

50 μ l of net mice serum in liquid form.

Storage

This antibody can also be aliquotted (by 10 μ l 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 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, FABP4 as well as vaspin.

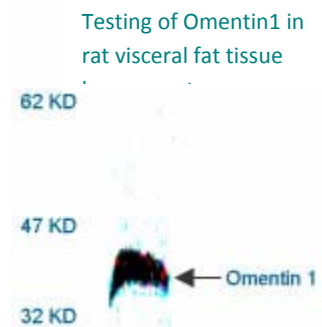
Applications

Direct ELISA - This antibody can be used at 1: 5000 with the appropriate secondary reagents to detect human Omentin 1.

Western blot-That Antibody can be used at 1: 500 ~ 1000 with the appropriate secondary antibody to detect rh Omentin1 and rat visceral adipose tissues (reduce condition).

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

Omentin 1 is highly expressed in omental adipose tissue. As a secreted novel depot-specific adipokine, Omentin 1 has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. Omentin1 increases AKT phosphorylation in the absence and presence of insulin. Decreased omentin 1 levels are associated with increasing obesity and insulin resistance.



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