

## **Anti Obestatin (Human) Serum**

Cat. No. Y461

Lot No. 1717200424

**Description:** This antiserum was raised in a rabbit by immunization with a keyhole limpet hemocyanin (KLH) conjugate of synthetic obestatin (human) peptide. The product vial contains 50  $\mu$ L of the titled antiserum obtained by lyophilizing its 0.001 M phosphate buffer (pH 7.0, 0.5 mL) solution. It can be used for immunohistochemistry.

**Immunogen:** Synthetic Obestatin (human)-KLH conjugate

**Host:** Rabbit

**Amino Acid Sequence of Obestatin (human)** <sup>1)</sup>

FNAPFDVGIK LSGVQYQQHS QAL-NH<sub>2</sub>

**Product Form:** Lyophilized unpurified serum

**Size:** 50  $\mu$ L

**Reconstitution:** Reconstitute the product with 0.5 mL of 0.01M PBS (pH 7.0) to yield a 10 fold diluted stock solution. If it is stored in a refrigerator, add moderate antiseptic to the solution (e.g. NaN<sub>3</sub> 0.1%).

**Storage:** The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstitution, the antiserum solution must be stored at 2°C to 8°C and used within one month. Repeated freezing- thawing should be avoided.

**Suggested Working Dilution Range:** Dilution range is 1:5000 for immunohistochemistry. Optimal dilution should be determined by each laboratory for each application.

**Specificity (based on non-competitive EIA):** Obestatin (human) 100%

**Positive Control (Immunohistochemistry):** Human stomach

**Species Tested (Immunohistochemistry):** Human

### **REFERENCES:**

1. Zhang, JV et al: Obestatin, a peptide encoded by the ghrelin gene, opposes ghrelin's effects on food intake. *Science*, **310**, 996-999, 2005

**FOR RESEARCH LABORATORY USE ONLY**  
DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

  
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