

# Rabbit anti-Human Leptin mAb (CAP)

**Catalog No.:** RM17760

## Basic Information

**Catalog No.**  
RM17760

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG


**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

## Background

This gene encodes a protein that is secreted by white adipocytes into the circulation and plays a major role in the regulation of energy homeostasis. Circulating leptin binds to the leptin receptor in the brain, which activates downstream signaling pathways that inhibit feeding and promote energy expenditure. This protein also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis, reproduction, bone formation and wound healing. Mutations in this gene and its regulatory regions cause severe obesity and morbid obesity with hypogonadism in human patients. A mutation in this gene has also been linked to type 2 diabetes mellitus development.

## Immunogen Information

**Immunogen**  
Recombinant human Leptin Protein

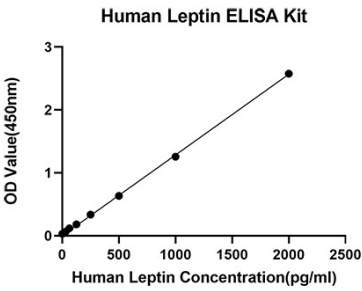
## Cross-Reactivity

## Assay Applications

Human Leptin Sanwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 µg/mL	Rabbit anti-Human Leptin mAb (Cat. No. RM17760)
ELISA Detection	0.05-0.2 µg/mL	Rabbit anti-Human Leptin mAb (Cat. No. RM17761)
Standard	31.25-2000 pg/mL	Recombinant Human Leptin Protein

# Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.