Leader in Biomolecular Solutions for Life Science

www.abclonal.com

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℃
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

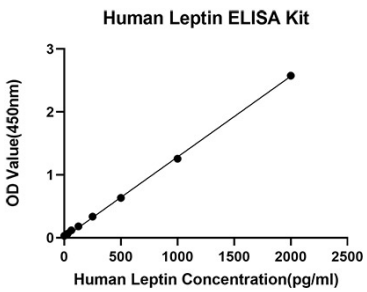
Cross-Reactivity

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 eachassay.