

Rabbit Anti-Human Leptin Serum

IP-5361

Lot # 9397

The antiserum was raised in a rabbit which was immunized with a peptide analogue of the amino terminal of the Human Leptin[1-24] covalently attached onto a carrier protein. This antiserum is specific for the amino terminal of the human Leptin and is suitable for immunoprecipitation of human, mouse, monkey, pig and rat leptin. The antiserum has been characterized by RIA, ELISA, western blot, and cell staining techniques. Dilute the lyophilized antiserum with 0.1 ml of 10 mg/ml BSA in PBS for the equivalent of whole antiserum, or with additional buffer for more dilute antiserum.

Antiserum Specificity

Polypeptide	% Cross Reactivity
Leptin(human)[1-24]	100
Leptin(human)	100
Leptin(mouse)	100
Leptin(rat)	~75
Epidermal Growth Factor(Human)	0
Insulin-like Growth Factor 1 (Human)	0
Insulin-like Growth Factor 2 (Rat)	0
Parathyroid hormone (Human)	0
Transforming growth factor-alpha(Human)	0

Immunoprecipitation

This rabbit antisera will quantitatively immunoprecipitate leptin at dilutions ranging from 1:500 to 1:5000 depending upon the amount of leptin in a sample and the procedure used. We have tested the antiserum using double antibody precipitation and magnetic bead techniques.