

## Leptin Polyclonal Antibody

<b>CATALOG #:</b>	5368-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	<i>E. coli</i> expressed recombinant rat Leptin
<b>INTERNAL ID#:</b>	BV-G15
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Rat

### FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-rat Leptin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

### STORAGE CONDITIONS:

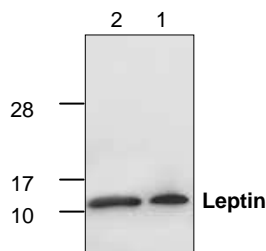
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Leptin (Anti-Obesity Protein) is the protein product of the *ob* (obese) gene in mice and seems to be involved in appetite control. The *ob* gene is expressed in adipose tissue and is thought to regulate the body's fat stores. Mice with the *ob/ob* genotype also develop a form of diabetes similar to type II (non-insulin dependent) diabetes. The antibody recognizes a 16 kDa of rat Leptin protein containing 147 amino acid residues.

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant rat Leptin (Cat.# 4368-1) can be used as a positive control.



### Cat.#:5368-100

Western blot analysis using recombinant rat Leptin.  
Lane 1: 5 ng  
Lane 2: 10 ng

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
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- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- Bioluminescence Cytotoxicity Assay Kit
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- DNA Damage Quantification Kit
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- PLTP Activity Assay & Drug Discovery Kits
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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
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