# LEP polyclonal antibody

Catalog # PAB5093 Size 150 ug

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against recombinant of LEP. |
| **Immunogen** | Recombinant protein corresponding to human LEP. |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Quality Control Testing** | Antibody Reactive Against Recombinant protein. |
| **Recommend Usage** | The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should b e handled by trained staff only. |

## Applications

- Enzyme Immunoassay
- Immunoprecipitation
- Western Blot

## Gene Info — LEP

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Entrez GeneID** | 3952 |
| **Gene Name** | LEP |
| **Gene Alias** | FLJ94114, OB, OBS |
| **Gene Description** | leptin |
| **Omim ID** | 164160 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a protein that is secreted by white adipocytes, and which plays a major role in the regulation of body weight. This protein, which acts through the leptin receptor, functions as part of a signaling pathway that can inhibit food intake and/or regulate energy expenditure to maintain constancy of the adipose mass. This protein also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis and wound healing. Mutations in this gene and/or its regulatory regions cause severe obesity, and morbid obesity with hypogonadism. This gene has also been linked to type 2 diabetes mellitus development. [provided by RefSeq |
| **Other Designations** | leptin (murine obesity homolog)\|leptin (obesity homolog, mouse)\|obese, mouse, homolog of\|obesity factor |

## Pathway

- Adipocytokine signaling pathway
- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway
- Neuroactive ligand-receptor interaction

## Disease

- Adenocarcinoma
- Albuminuria
- Amyotrophic lateral sclerosis
- Anorexia Nervosa
- Anoxia
- Asthma

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Atherosclerosis
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Behcet Syndrome
- Birth Weight
- Body Weight
- Breast cancer
- Breast Neoplasms
- Bulimia
- Carcinoma
- Cardiovascular Diseases
- Chorioamnionitis
- Chronic Disease
- Colon cancer
- Colonic Neoplasms
- Colorectal Neoplasms
- Coronary Restenosis
- Cues
- Depressive Disorder
- Diabetes Mellitus
- Disease Models
- Disease Progression
- Diseases in Twins
- Dyslipidemias
- Edema
- Endometrial Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Esophageal Neoplasms
- Fatty Liver
- Fetal Membranes
- Fetal Weight
- Genetic Predisposition to Disease
- HELLP Syndrome
- Hepatitis
- Hypertension
- Inflammation
- Insulin Resistance
- Kidney Diseases
- Kidney Failure
- Lung Neoplasms
- Lymphoma
- Mental Disorders
- Metabolic Syndrome X
- Microsatellite Instability
- Mouth Neoplasms
- Multiple Sclerosis
- NARP
- Neovascularization
- Obesity
- Obstetric Labor
- Osteoporosis
- Ovarian Failure
- Polycystic Ovary Syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Pre-Eclampsia
- Pregnancy Complications
- Pregnancy in Diabetics
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Psoriasis
- Puberty
- Pulmonary Disease
- Satiety Response
- Schizophrenia
- Sleep Apnea
- Taste
- Thinness
- Thrombophilia
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Uterine Neoplasms
- Weight Gain
- Weight Loss
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.