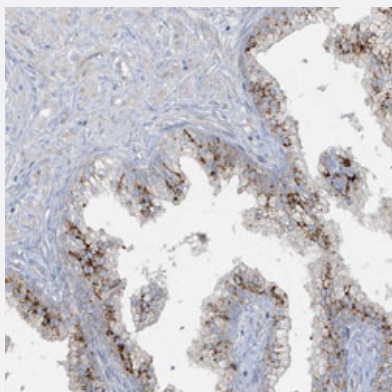


LEPR polyclonal antibody

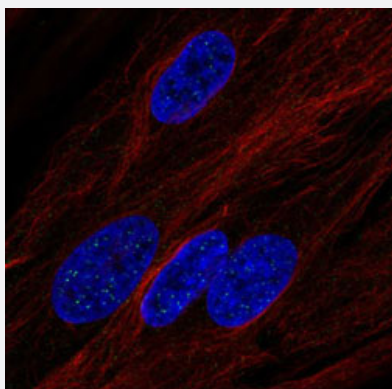
Catalog # PAB31156 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate with LEPR polyclonal antibody (Cat # PAB31156) shows strong granular, cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of BJ cells with LEPR polyclonal antibody (Cat # PAB31156) (Green) shows no positivity.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human LEPR.
Immunogen	Recombinant protein corresponding to human LEPR.
Sequence	NYFPPKILTSVGSNVSFHCIMKKENKIVPSKEMWWWNLAEKIPQSQYDVVSDHVSQVTFNINETK PRGKFTYDAVYCCNEHECHHRYAEL
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Immunofluorescent staining of BJ cells with LEPR polyclonal antibody (Cat # PAB31156) (Green) shows no positivity.

Gene Info — LEPR

Entrez GeneID	3953
Protein Accession#	P48357
Gene Name	LEPR
Gene Alias	CD295, OBR
Gene Description	leptin receptor
Omim ID	601007
Gene Ontology	Hyperlink
Gene Summary	Leptin (LEP; MIM 164160), an adipocyte-specific hormone that regulates adipose-tissue mass through hypothalamic effects on satiety and energy expenditure, acts through the leptin receptor (LEPR), a single-transmembrane-domain receptor of the cytokine receptor family.[supplied by OMIM]

Pathway

- [Adipocytokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Albuminuria](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Disease](#)
- [Cues](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Fatty Liver](#)
- [Fetal Weight](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [HELLP Syndrome](#)
- [Hepatitis](#)
- [Hepatitis C](#)
- [Hypercholesterolemia](#)

- [Hyperinsulinism](#)
- [Hyperlipidemias](#)
- [Hyperphagia](#)
- [Hypertension](#)
- [Hypogonadism](#)
- [Immunologic Deficiency Syndromes](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Metabolism](#)
- [Microsatellite Instability](#)
- [Mouth Neoplasms](#)
- [NARP](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Ossification of Posterior Longitudinal Ligament](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Peripheral Vascular Diseases](#)

- [Polycystic Ovary Syndrome](#)
- [Postoperative Complications](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy in Diabetics](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Satiety Response](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Spinal Dysraphism](#)
- [Spinal Fractures](#)
- [Taste](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)
- [Weight Loss](#)
- [Werner syndrome](#)