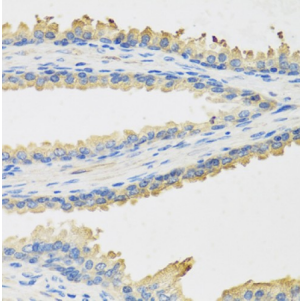


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Leptin (LEP) Antibody

Catalogue No.: abx004338



Immunohistochemistry of paraffin-embedded human prostate using LEP antibody (abx004338) at dilution of 1/100 (40x lens).

LEP Antibody is a Rabbit Polyclonal antibody against LEP. 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.

Target: LEP

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: IHC

Recommended dilutions: IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human LEP.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 18 kDa

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Swiss Prot: [P41159](#)

GeneID: [3952](#)

Gene Symbol: LEP

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.