

Datasheet for ABIN604739
anti-Leptin antibody (C-Term)



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2 Images

Overview

Quantity:	50 µg
Target:	Leptin (LEP)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Goat, Sheep, Chicken, Hamster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Leptin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human LEP (P41159, NP_000221). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Mouse, Rat, Sheep, Goat, Hamster, Elephant, Zebu, Bovine, Horse, Turkey, Chicken (100%), Orangutan, Cat, Rabbit, Pig (92%), Panda (85%), Marmoset (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human LEP / Leptin
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Sheep, Bovine, Goat, Horse, Chicken (100%) Rabbit, Pig (92%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: Leptin (LEP)

Alternative Name: Leptin ([LEP Products](#))

Background: Name/Gene ID: LEP

Synonyms: LEP, Leptin, LEPD, Obese protein, Obese, mouse, homolog of, Obesity factor, OBS, OB

Gene ID: 3952

NCBI Accession: [NP_000221](#)

UniProt: [P41159](#)

Pathways: [JAK-STAT Signaling](#), [AMPK Signaling](#), [Hormone Transport](#), [Peptide Hormone Metabolism](#), [Hormone Activity](#), [Negative Regulation of Hormone Secretion](#), [Regulation of Carbohydrate Metabolic Process](#), [Feeding Behaviour](#), [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

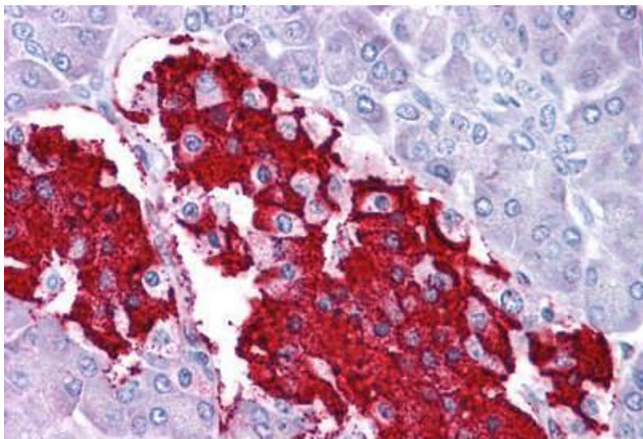
Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

Handling

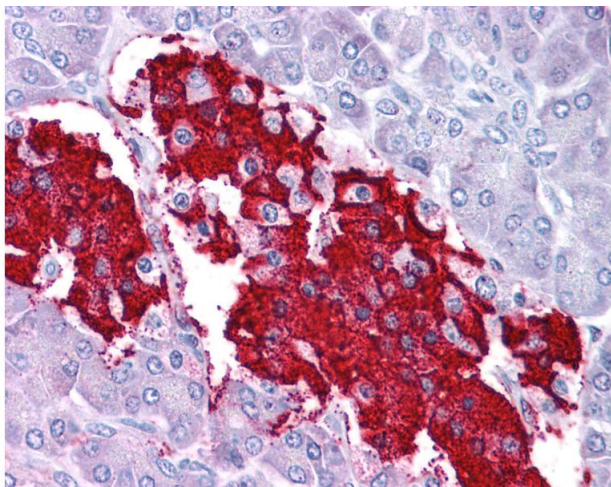
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-LEP / Leptin antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. ...