

Datasheet for ABIN6745724
anti-Leptin antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Leptin (LEP)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Horse, Dog, Rabbit, Hamster
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 N-Terminus of human LEP (P41159, NP_000221). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Mouse, Hamster (100%), Galago, Marmoset, Rat, Opossum (92%), Sheep, Goat (90%), Monkey, Elephant, Zebu, Dog, Cat, Bovine (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human LEP / Leptin
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse (100%) Rat (92%) Sheep, Goat (90%) Dog,

Product Details

	Bovine (85%).
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 second antibody. ELISA titer in peptide based assay: 1:62500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

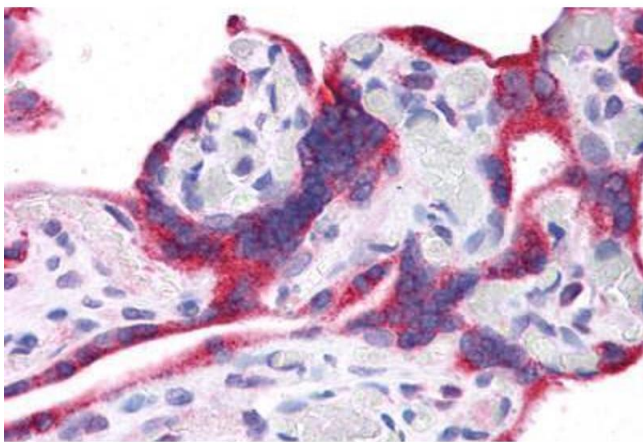
Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific

Handling

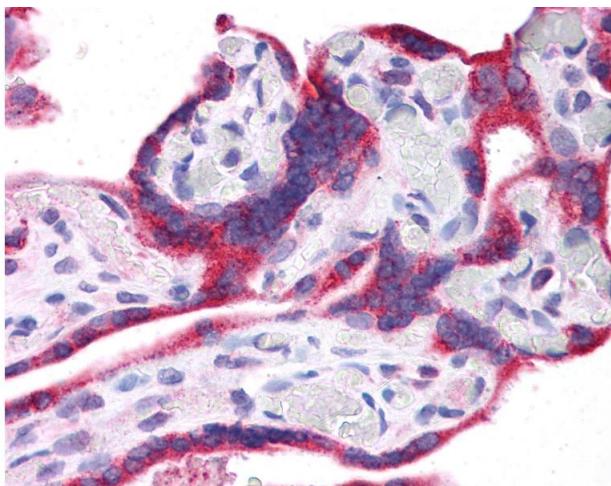
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

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



Immunohistochemistry

Image 2. Anti-LEP / Leptin antibody IHC of human placenta. 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. ...