antibodies .- online.com







anti-Leptin antibody (N-Term)

Images



Publication



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Overview		
Quantity:	100 μL	
Target:	Leptin (LEP)	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Goat, Rabbit, Sheep, Guinea Pig	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Leptin antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LEP	
Sequence:	MHWGTLCGFL WLWPYLFYVQ AVPIQKVQDD TKTLIKTIVT RINDISHTQS	
Predicted Reactivity:	Cow: 86%, Dog: 86%, Goat: 91%, Guinea Pig: 79%, Horse: 79%, Human: 100%, Mouse: 100%, Rabbit: 79%, Rat: 100%, Sheep: 91%	
Characteristics:	This is a rabbit polyclonal antibody against LEP. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	

Target Details

Target: Leptin (LEP)

Target Details

Alternative Name:	LEP (LEP Products)
Background:	LEP is 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 regula Alias Symbols: OB, OBS Protein Interaction Partner: Hk3, SIGLEC6, GHRL, LEPR, UCN, PRKAA2, CLU, CRP, A2M, STAT3, Protein Size: 167
Molecular Weight:	19 kDa
Gene ID:	3952
NCBI Accession:	NM_000230, 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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 167 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment:

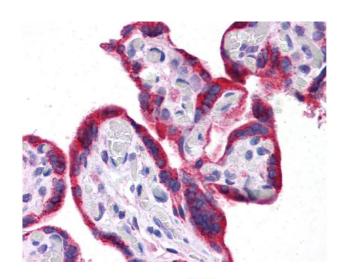
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

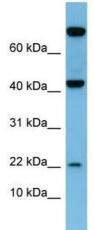
Veerhuis, Boshuizen, Morbin, Mazzoleni, Hoozemans, Langedijk, Tagliavini, Langeveld, Eikelenboom: "Activation of human microglia by fibrillar prion protein-related peptides is enhanced by amyloid-associated factors SAP and C1q." in: **Neurobiology of disease**, Vol. 19, Issue 1-2, pp. 273-82, (2005) (PubMed).

Images



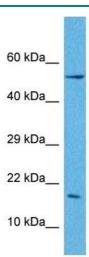
Immunohistochemistry

Image 1.



Western Blotting

Image 2. WB Suggested Anti-LEP Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Small Intestine



Western Blotting

Image 3. Host: Rabbit Target Name: LEP Sample Tissue: Human A549 Whole Cell Antibody Dilution: 1ug/ml