

Product Datasheet

Leptin/OB Antibody - BSA Free

NBP1-59324

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-59324

Leptin/OB Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	16 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	3952
Gene Symbol	LEP
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity to mouse reported in scientific literature (PMID: 31638172). Reactivity to rat reported in scientific literature.
Immunogen	Synthetic peptides corresponding to LEP(leptin) The peptide sequence was selected from the middle region of LEP (NP_000221). Peptide sequence LHVLAFSKSchLPWASGLETLDSLGGVLEASGYSTEVALSRLQGSLQDM. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Simple Western, Immunohistochemistry 4-8 ug/ml, Immunohistochemistry-Paraffin 4-8 ug/ml

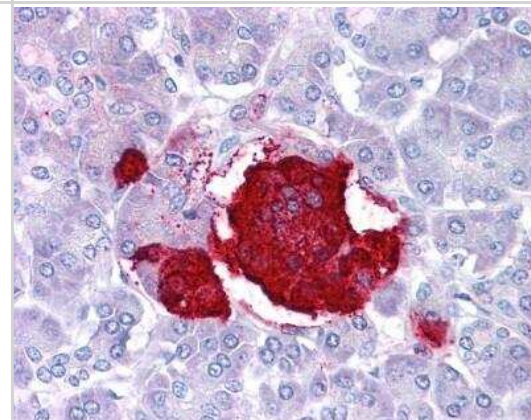


Images

Western Blot: Leptin/OB Antibody [NBP1-59324] - Titration: 0.2-1 ug/ml,
Positive Control: HepG2 cell lysate.



Immunohistochemistry-Paraffin: Leptin/OB Antibody [NBP1-59324] -
Human pancreas tissue, 4-8ug/ml.



Simple Western: Leptin/OB Antibody [NBP1-59324] - Simple Western
analysis of Leptin. Lane 1- biotinylated ladder; Lane 2- negative control
(non-transfected MIN6 cells, 0.2 mg/ml); Lane 3- MIN6 cells transfected
with plasmid expressing mouse leptin (positive control, 0.2 mg/ml).
Image from verified customer review.



Publications

Lu X, Ding F, Chen Y, Ke S et Al. Deficiency of C1QL1 Reduced Murine Ovarian Follicle Reserve Through Intraovarian and Endocrine Control Endocrinology 2022-05-13 [PMID: 35560215]

Fishman P, Cohen S, Itzhak I et al. The A3 adenosine receptor agonist, namodenoson, ameliorates non alcoholic steatohepatitis in mice Int. J. Mol. Med. 2019-10-03 [PMID: 31638172] (IHC-P, Mouse)

Zhang Y, Niu FX, Sun J et al. Purple sweet potato (Ipomoea batatas L.) color alleviates high-fat-diet-induced obesity in SD rat by mediating leptin's effect and attenuating oxidative stress. Food Science and Biotechnology. 2015-08-01 (Rat)



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Products Related to NBP1-59324

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34934-1mg	Recombinant Human Leptin/OB Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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