

Product Datasheet

Leptin R Antibody - BSA Free

NB120-5593

Unit Size: 100uL

Store at -20C. Avoid freeze-thaw cycles.

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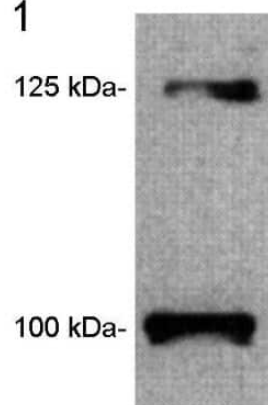
Product Information	
Unit Size	100uL
Concentration	10 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Ammonium sulfate precipitation
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	3953
Gene Symbol	LEPR
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 9421392). Rat reactivity reported in scientific literature (PMID: 12810558).
Specificity/Sensitivity	Leptin Receptor
Immunogen	Synthetic peptide corresponding to residues K(577) E I Q W K T H E V F D A K S K S A(594) of the extracellular domain of rat OB-R.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:2000
Application Notes	WB: Detects bands of approx. 100 and 125 kDa, corresponding to the long and short forms (respectively) of leptin receptor OB-R from mouse brain extract. Two smaller bands of approx. 31 and 35 kDa are also detected, which cannot be competed out with immunogenic peptide.

Images

Western Blot: Leptin R Antibody [NB120-5593] - Analysis of both short and long forms of OB-R from mouse lung tissue extract.

Fig. 1

Publications

Fang Z, Fan M, Yuan D et al. Downregulation of hepatic lncRNA Gm19619 improves gluconeogenesis and lipogenesis following vertical sleeve gastrectomy in mice Communications Biology 2023-01-27 [PMID: 36707678] (Western Blot)

Drori A, Gammal A, Azar S et al. CB1R Regulates Soluble Leptin Receptor Levels via CHOP, Contributing to Hepatic Leptin Resistance Elife 2020-11-19 [PMID: 33210603]

R Yamada, S Odamaki, M Araki, T Watanabe, K Matsuo, K Uchida, T Kato, Y Ozaki-Masu, A Takenaka Dietary protein restriction increases hepatic leptin receptor mRNA and plasma soluble leptin receptor in male rodents PLoS ONE, 2019-07-15;14(7):e0219603. 2019-07-15 [PMID: 31306448] (WB, Mouse, Rat)

Lamming DW, Demirkan G, Boylan JM et al. Hepatic signaling by the mechanistic target of rapamycin complex 2 (mTORC2). FASEB J. 2013-09-27 [PMID: 24072782] (WB, Mouse)

Liu E, Samad F, Mueller BM. Local adipocytes enable estrogen-dependent breast cancer growth: Role of leptin and aromatase. Adipocyte. 2013-07-01 [PMID: 23991363] (WB, Mouse)





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Products Related to NB120-5593

NB820-59657	Mouse Brain Whole Tissue Lysate (Adult Whole Normal)
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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