

Leptin Receptor Rabbit mAb

Catalog No: #59436

Package Size: #59436-1 50ul #59436-2 100ul

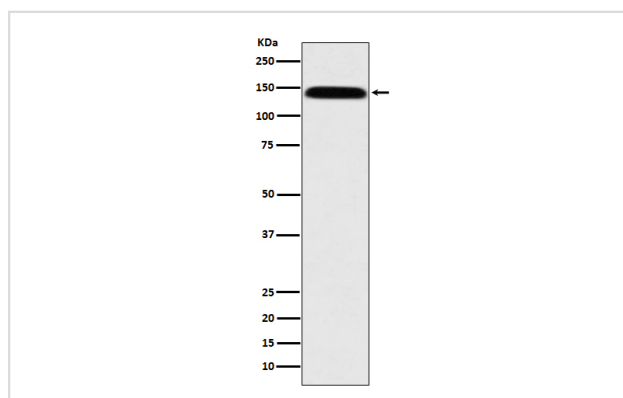
Description

Product Name	Leptin Receptor Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human Mouse Rat
Specificity	Leptin Receptor Antibody detects endogenous levels of total Leptin Receptor
Immunogen Description	A synthesized peptide derived from human Leptin Receptor
Other Names	Leptin receptor; LEP-R; HuB219 OB receptor; OB-R; CD295; LEPR; DB; OBR;
Accession No.	Uniprot:P48357
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000

Images



Western blot analysis of Leptin Receptor expression in SH-SY5Y cell lysate.

Background

On ligand binding, mediates LEP central and peripheral effects through the activation of different signaling pathways such as JAK2/STAT3 and MAPK cascade/FOS. In the hypothalamus, LEP acts as an appetite-regulating factor that induces a decrease in food intake and an increase in energy consumption by inducing anorexigenic factors and suppressing orexigenic neuropeptides, also regulates bone mass and secretion of hypothalamo-pituitary-adrenal hormones (By similarity).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.