

Datasheet for ABIN360927

anti-Leptin Receptor antibody (Extracellular Domain)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Leptin Receptor (LEPR)
Binding Specificity:	Extracellular Domain
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Leptin Receptor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant Leptin R extracellular domain.
Clone:	9C29
Isotype:	IgG2
Specificity:	This antibody detects Leptin receptor.
Purification:	Protein A/G affinity chromatography

Target Details

Target:	Leptin Receptor (LEPR)
Alternative Name:	CD295 / Leptin Receptor (LEPR Products)
Background:	Leptin receptor (OB-R) is a type I cytokine receptor family protein with significant amino acid

Target Details

sequence identity with gp130, G-CSF receptor, and LIF receptor. An OB-R transcript encodes a soluble form of the receptor. The transcript was reported to be expressed predominantly in regions of the hypothalamus previously thought to be important in body weight regulation. OB-R binds leptin with high affinity and is a potent leptin antagonist. Human OB-R encodes a 1 165 amino acid residue precursor protein with a 22 amino acid residue signal peptide, an 816 amino acid residue extracellular domain, a 21 amino acid residue transmembrane domain and a 303 amino acid residue cytoplasmic domain.Synonyms: DB, HuB219, LEP-R, LEPR, OB receptor, OB-R, OBR

Gene ID:	16847
NCBI Accession:	NP_001116371
UniProt:	P48356
Pathways:	JAK-STAT Signaling , AMPK Signaling , Feeding Behaviour

Application Details

Application Notes:	Western Blot: 1/500 - 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore with 200 µL sterile PBS and the final concentration is 500 µg/mL.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store at 2-8 °C. Following reconstitution store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.