

Datasheet for ABIN1106239

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

Overview

Quantity:	0.1 mg
Target:	Leptin Receptor (LEPR)
Binding Specificity:	Soluble
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Leptin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Enzyme Immunoassay (EIA)

Product Details

Clone:	2F1
Isotype:	IgG1
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein G

Target Details

Target:	Leptin Receptor (LEPR)
Alternative Name:	CD295 / Leptin Receptor (LEPR Products)
Background:	Leptin is a cytokine that is primarily expressed by adipose tissue. Leptin controls food intake by

Target Details

its interaction with the leptin receptor in the brain. Leptin action is mediated and controlled by the leptin receptor, a class I type cytokine receptor. sLR is generated by proteolytic cleavage of membrane-anchored receptors. This indicates that the leptin receptor might have other functions besides transduction. Binding of leptin with sLR increases the bioavailability of leptin in plasma, but also decreases the binding of leptin to membrane bound leptin receptors. For example, when comparing obese and lean individuals, plasma levels of sLR are significantly decreased whereas leptin levels are significantly increased. Synonyms: DB, HuB219, LEP-R, LEPR, OB receptor, OB-R, OBR

Gene ID: 9606

UniProt: [P48357](#)

Pathways: [JAK-STAT Signaling](#), [AMPK Signaling](#), [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/mL

Buffer: PBS, 0.02 % sodium azide, 0.1 % bovine serum albumin

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 2 - 8 °C.