

Datasheet for ABIN904747

anti-Leptin Receptor antibody (AbBy Fluor® 488)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Leptin Receptor (LEPR)
Reactivity:	Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Leptin Receptor antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from sheep Leptin R
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	Leptin Receptor (LEPR)
Alternative Name:	Leptin receptor/Ob-R (LEPR Products)
Background:	Synonyms: obl, CD 295, CD295, CD295 antigen, Db, Fa, HuB219, LEP R, LEPR, LEPROT, Leptin receptor fatty, Leptin receptor gene related protein, Leptin receptor precursor, OB R, OB R gene related protein, OB receptor, OB-RGRP, Obr. Background: Leptin receptor (OB-R) is a type I cytokine receptor family protein with significant

Target Details

amino acid 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.

Molecular Weight: 13kDa

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

Application Details

Application Notes: IF(IHC-P)(1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months