

Leptin Receptor (long) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250739

Unit: 0.1 mg

Description:

The Leptin receptor (OB receptor, OBR) is the receptor for the obesity factor (leptin). The Leptin Receptor is involved in the regulation of fat metabolism and in lymphopoiesis. The Leptin receptor is closely related to the gp130 signal transducing component common to the IL-6, LIF, CNTF and G-CSF receptors. The Leptin receptor has multiple isoforms (A-E) with isoform B (OBRb) being the long single-pass type I membrane receptor, isoform C (OBRa) carrying a short cytoplasmic domain, and isoform E a shorter secreted form. This antibody is specific for the long form (isoform B).

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, D, Hs, H, M, P, R

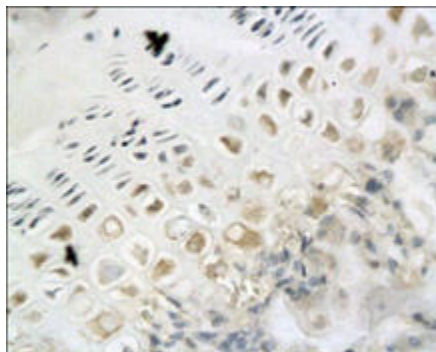
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Leptin receptor; LEP-R; OB receptor; OB-R; HuB219; CD295 antigen; LEPR; DB; OBR

Accession No.: P48357

Antigen: KLH-conjugated synthetic peptide encompassing a sequence unique to isoform B (long form) of human Leptin Receptor.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:200-1:500



Leptin receptor (long) staining in rabbit articular cartilage. Paraffin-embedded rabbit articular cartilage is stained with Leptin receptor (long) Antibody (Cat. No. 250739) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Bigford G et al. 2012. PLoS One.7(7):e41073. PMID# 22815920. Connor K et al. 2010. Journal of Developmental Origins and of Health and Disease. 1:245-254.

For research use only, not for diagnostic or therapeutic procedures.