

LEPR Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252113

Unit: 0.1 mg

Description:

The leptin receptor (LEP-R, CD295) is the receptor for leptin (obesity factor). The binding of leptin mediates signaling through JAK2/STAT3 pathway resulting in the regulation of fat metabolism and, in hematopoietic cells, lymphopoiesis. LEP-R forms a homodimer upon leptin binding, and the phosphorylated receptor binds a number of SH2 domain-containing proteins such as STAT3, PTPN11, and SOCS3.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

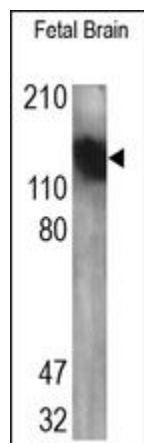
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

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

Accession No.: P48357

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the human leptin receptor.

Application Notes: E: 1:10,000-1:50,000; WB: 1:200-1:1,000



The LEPR Antibody is used in Western blot to detect the leptin receptor in human fetal brain lysates.

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

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