

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07263-T - Goat Anti-Leptin Receptor Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: LEPR, leptin receptor, CD295, OBR, OB receptor, LeprB

Official Symbol: LEPR

Accession Number(s): NP_002294.2; NP_001003679.1; NP_001003680.1

Human GeneID(s): [3953](#)

Important Comments: This antibody is expected to recognise all three reported isoforms (NP_002294.2; NP_001003679.1; NP_001003680.1).

Immunogen

Peptide with sequence C-TQDDIEKHQSDAG, from the internal region of the protein sequence according to NP_002294.2; NP_001003679.1; NP_001003680.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 150kDa band observed in Human, Mouse and Rat Brain lysates (calculated MW of 132kDa according to Human NP_002294.2 and 130.8kDa according to Mouse NP_666258.2 and Rat NP_036728.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.1-1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Liver and Heart. Recommended concentration: 4µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Dog

EB07263 (0.1µg/ml) staining of Mouse (A) and Rat (B) Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07263 (1µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB07263 (4µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB07263 (4µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.