



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, UK

www.everestbiotech.com

info@everestbiotech.com
sales@everestbiotech.com

Tel +44 1869 238326
Fax +44 1869 238327

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

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

EB08841 – Goat anti-LRP4 / LRP10 antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: LRP4; low density lipoprotein receptor-related protein 4; KIAA0816; LRP10; MEGF7; low-density lipoprotein receptor-related protein 4

Official Gene Symbol: LRP4

Accession Number(s): NP_002325.2

Human Gene ID(s): 4038

Non-Human GeneID(s): 228357 (mouse); 83469 (rat);

Immunogen

Peptide with sequence C-SNPSYRTSTQEVK, from the internal region of the protein sequence according to NP_002325.2

Purification

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32,000. Western Blot: Approx. 200kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 212kDa according to NP_002325.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow

Background Reference

Sagare A, Deane R, Bell RD, Johnson B, Hamm K, Pendu R, Marky A, Lenting PJ, Wu Z, Zarcone T, Goate A, Mayo K, Perlmutter D, Coma M, Zhong Z, Zlokovic BV. Clearance of amyloid-beta by circulating lipoprotein receptors. Nat Med. 2007 Sep;13(9):1029-31. Epub 2007 Aug 12. PMID: 17694066



EB08841 (0.1 μ g/ml) staining of Human Cerebral Cortex lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.