

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB12608 - Goat Anti-LRP1 (aa3941-3951) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: LRP1, low density lipoprotein receptor-related protein 1, A2MR, APOER, APR, CD91, IGFBP3R, LRP, LRP1A, TGFBR5, LRP-1,

TbetaR-V/LRP-1/IGFBP-3 receptor, alpha-2-macroglobulin receptor, apolipoprotein E

receptor, prolow-density lipoprotein receptor-related protein 1

Official Symbol: LRP1

Accession Number(s): NP_002323.2

Human GeneID(s): 4035

Non-Human GenelD(s): 16971 (mouse), 299858 (rat)

Immunogen

Peptide with sequence C-HRRQIDRGVTH, from the internal region of the protein sequence according to NP_002323.2.

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 1:128000.

Western blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 505kDa according to NP_002323.2. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

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