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EB07372 - Goat Anti-Apolipoprotein E receptor 2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: apolipoprotein E receptor 2, LRP8, low density lipoprotein receptor-related protein 8, apolipoprotein e receptor, APOER2, HSZ75190, low density lipoprotein receptor-related protein 8

Official Symbol: LRP8

Accession Number(s): NP_004622.2; NP_150643.2; NP_059992.3; NP_001018064.1

Human GenelD(s): 7804

Non-Human GeneID(s): 16975 (mouse), 362558 (rat)

Important Comments: This antibody is expected to recognise all reported isoforms

(NP_004622.2, NP_150643.2, NP_059992.3 and NP_001018064.1).

Immunogen

Peptide with sequence C-RNWKRKNTKSMNFD, from the internal region of the protein sequence according to NP_004622.2; NP_150643.2; NP_059992.3; NP_001018064.1.

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

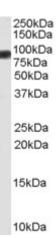
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 90kDa band observed in Mouse Brain lysates (calculated MW of 96.2kDa according to NP_001074395.1 (mouse). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Dog



EB07372 (0.3 μ g/ml) staining of Mouse Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.