

For Research Use Only

LRP1 Polyclonal antibody

Catalog Number: 30206-1-AP



Basic Information

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|---|---|--|
| Catalog Number: 30206-1-AP | GenBank Accession Number: BC045107 | Purification Method: Antigen affinity purification |
| Size: 300 µg/ml | GeneID (NCBI): 4035 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | UNIPROT ID: Q07954 | |
| Isotype: IgG | Full Name: low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor) | |
| Immunogen Catalog Number: AG32507 | Calculated MW: 505 kDa | |
| | Observed MW: 600 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : HEK-293 cells, HeLa cells |
| Species Specificity: Human | |

Background Information

LRP1 (Prolow-density lipoprotein receptor-related protein 1), also known as A2MR, APOER and CD91, is a type I transmembrane protein that belongs to the LDLR family. LRP1 is synthesized as a transmembrane glycosylated precursor of 600 kDa, and is subsequently cleaved to generate a large 515-kDa N-terminal extracellular subunit and an 85-kDa C-terminal transmembrane subunit, which are noncovalently associated with one another (PMID: 2112085; 8546712). LRP1 is a multifunctional receptor involved in the clearance of a large number of diverse ligands and modulating various cellular processes. LRP1 is implicated in conditions such as atherosclerosis, cancer and neurodegenerative diseases (PMID: 28381441). This antibody is raised against 20-170 aa of human LRP1.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

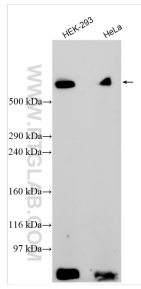
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30206-1-AP (LRP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.