LRP1 Rabbit mAb

Catalog No.: A10963 Recombinant 3 Publications



Basic Information

Observed MW

78kDa

Calculated MW

505kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the low-density lipoprotein receptor family of proteins. The encoded preproprotein is proteolytically processed by furin to generate 515 kDa and 85 kDa subunits that form the mature receptor (PMID: 8546712). This receptor is involved in several cellular processes, including intracellular signaling, lipid homeostasis, and clearance of apoptotic cells. In addition, the encoded protein is necessary for the alpha 2-macroglobulin-mediated clearance of secreted amyloid precursor protein and beta-amyloid, the main component of amyloid plaques found in Alzheimer patients. Expression of this gene decreases with age and has been found to be lower than controls in brain tissue from Alzheimer's disease patients.

Recommended Dilutions

WB 1:10000 - 1:20000

IHC-P 1:50 - 1:100

IF/ICC 1:50 - 1:100

IP 1:20 - 1:50

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID4035 **Swiss Prot**Q07954

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

APR; KPA; LRP; A2MR; CD91; APOER; LRP1A; TGFBR5; IGFBP3R; IGFBP-3R; IGFBP3R1; LRP1

Contact

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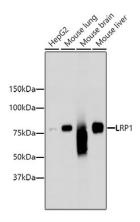
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.



Western blot analysis of various lysates using LRP1 Rabbit mAb (A10963). Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.