

LRP
Mouse Monoclonal Antibody (Mab)
Catalog # APA325

Specification

LRP - Product Information

| | |
|-------------------|------------------------|
| Application | IHC |
| Primary Accession | Q07954 |
| Host | Mouse |
| Clonality | Monoclonal |
| Calculated MW | 504606 Da |

LRP - Additional Information

| | |
|-----------|------------------------------------|
| Gene ID | 4035 |
| Gene Name | LRP1 (HGNC:6692) |

Other Names

Prolow-density lipoprotein receptor-related protein 1, LRP-1, Alpha-2-macroglobulin receptor, A2MR, Apolipoprotein E receptor, APOER, CD91, Low-density lipoprotein receptor-related protein 1 85 kDa subunit, LRP-85, Low-density lipoprotein receptor-related protein 1 515 kDa subunit, LRP-515, Low-density lipoprotein receptor-related protein 1 intracellular domain, LRPICD, LRP1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=6692), A2MR, APR

| | |
|-------------|---|
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | LRP is for research use only and not for use in diagnostic or therapeutic procedures. |

LRP - Protein Information

Name LRP1 ([HGNC:6692](#))

| | |
|----------|--|
| Synonyms | A2MR, APR |
| Function | Endocytic receptor involved in endocytosis and in phagocytosis of apoptotic cells (PubMed: 11907044 , PubMed: 12713657). Required for early embryonic development (By similarity). Involved in cellular lipid homeostasis. Involved in the plasma clearance of chylomicron remnants and activated LRPAP1 (alpha 2-macroglobulin), as well as the local metabolism of complexes between plasminogen activators and their endogenous inhibitors. Acts as an LRPAP1 alpha-2- macroglobulin |

Cellular Location

receptor (PubMed:[26142438](#), PubMed:[1702392](#)). Acts as TAU/MAPT receptor and controls the endocytosis of TAU/MAPT as well as its subsequent spread (PubMed:[32296178](#)). May modulate cellular events, such as APP metabolism, kinase-dependent intracellular signaling, neuronal calcium signaling as well as neurotransmission (PubMed:[12888553](#)). [Low-density lipoprotein receptor-related protein 1 85 kDa subunit]: Cell membrane; Single-pass type I membrane protein Membrane, coated pit [Low-density lipoprotein receptor-related protein 1 intracellular domain]: Cytoplasm Nucleus. Note=After cleavage, the intracellular domain (LRPICD) is detected both in the cytoplasm and in the nucleus. Most abundant in liver, brain and lung.

Tissue Location**LRP - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LRP - Images