

LRP**Mouse Monoclonal antibody(Mab)****Catalog # AD80325****Specification**

LRP - Product info

Application	IHC-P
Primary Accession	Q07954
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	504606

LRP - Additional info

Gene ID	4035
Gene Name	LRP1

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)>HGNC:6692), A2MR, APR

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions**LRP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.****LRP - Protein Information****Name** LRP1 ([HGNC:6692](#))**Synonyms****Function****A2MR, APR**

Endocytic receptor involved in endocytosis and in phagocytosis of apoptotic cells. Required for early embryonic development. 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

Cellular Location**Tissue Location**

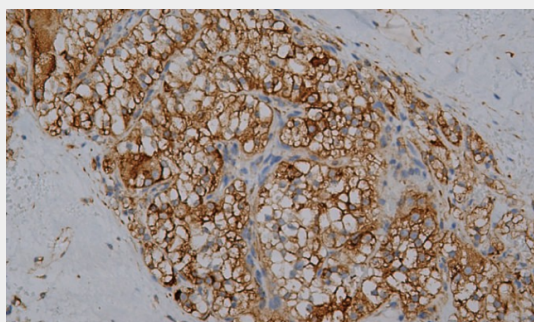
endogenous inhibitors. May modulate cellular events, such as APP metabolism, kinase-dependent intracellular signaling, neuronal calcium signaling as well as neurotransmission (PubMed:[11907044](#), PubMed:[12888553](#), PubMed:[12713657](#)). Acts as an alpha-2- macroglobulin receptor (PubMed:[26142438](#)).

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.

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

Kidney renal clear cell carcinoma