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**Product Name: LRP1 Rabbit Polyclonal Antibody****Catalog #: APRab01325**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 505 kDa; Observed MW: 85 kDa

**Antigen Information**

<b>Gene Name</b>	LRP1
<b>Alternative Names</b>	A2MR; alpha 2MR; Alpha 2 macroglobulin receptor; CD91; APR; LRP1; LRP85; TGFBR5
<b>Gene ID</b>	4035
<b>SwissProt ID</b>	Q07954
<b>Immunogen</b>	A synthetic peptide of human LRP1

**Background**

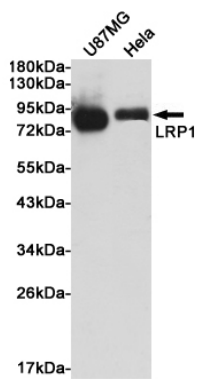
Endocytic receptor involved in endocytosis and in phagocytosis of apoptotic cells. Required for early embryonic development. Involved in cellular lipid homeostasis. Involved in the plasma clearance of chylomicron remnants and activated LRPAP1 (alpha

2-macroglobulin), as well as the local metabolism of complexes between plasminogen activators and their endogenous inhibitors. May modulate cellular events, such as APP metabolism, kinase-dependent intracellular signaling, neuronal calcium signaling as well as neurotransmission. Functions as a receptor for *Pseudomonas aeruginosa* exotoxin A.

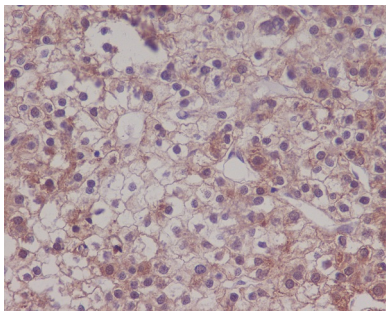
## Research Area

Neuroscience

## Image Data



Western blot analysis of LRP1 in U87-MG and HeLa lysates using LRP1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human liver carcinoma using LRP1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.