

## LRP1 Rabbit mAb

Catalog No: #52061

Package Size: #52061-1 50ul #52061-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

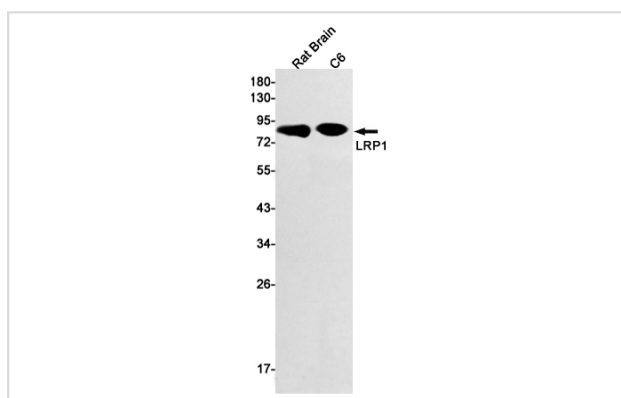
## Description

Product Name	LRP1 Rabbit mAb
Clone No.	S09-4E8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB,IHC,ICC/IF,IP,FC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human LRP1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	A2MR; alpha 2MR; Alpha 2 macroglobulin receptor; CD91; APR; LRP1; LRP85; TGFBR5;
Accession No.	Swiss-Prot:Q07954GeneID:4035
Uniprot	Q07954
GeneID	4035
Calculated MW	Calculated MW: 85 kDa; Observed MW: 85 kDa
Concentration	0.3 mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

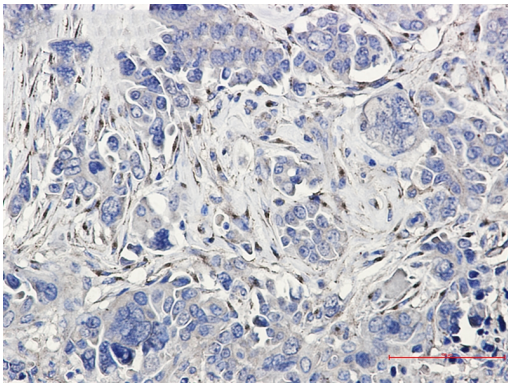
## Application Details

WB 1:10000-1:20000 IHC 1:50-1:100 ICC/IF 1:50-1:100 IP 1:30 FC 1:50

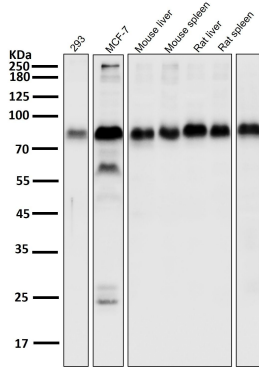
## Images



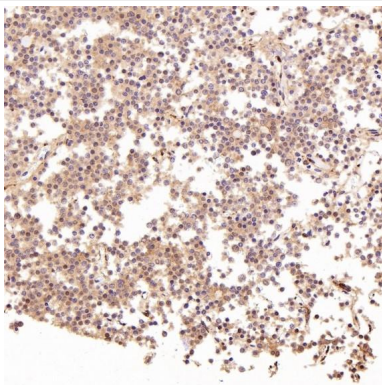
Western blot detection of LRP1 in Rat Brain,C6 cell lysates using LRP1 Rabbit mAb(1:1000 diluted).Predicted band size:85kDa.Observed band size:85kDa.



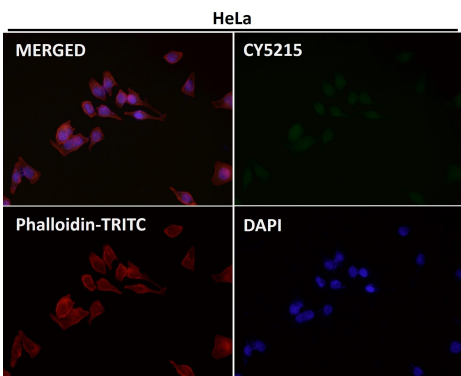
Immunohistochemistry of LRP1 in paraffin-embedded Human Cholangiocarcinoma using LRP1 Rabbit mAb at dilution 1/20



All lanes use the Antibody at 1:3W dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:300 dilution.



## 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.

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Note: This product is for in vitro research use only