

产品名称: LRP1 Rabbit Monoclonal Antibody
产品货号: AMRe04043



产品概述 (Summary)

产品名称 (Production Name)	LRP1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	LRP1
别名 (Alternative Names)	A2MR; alpha 2MR; Alpha 2 macroglobulin receptor; CD91; APR; LRP1; LRP85; TGFBR5
基因 ID (Gene ID)	4035
蛋白 ID (SwissProt ID)	Q07954.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 505 kDa; Observed MW: 85 kDa

研究背景 (Background)

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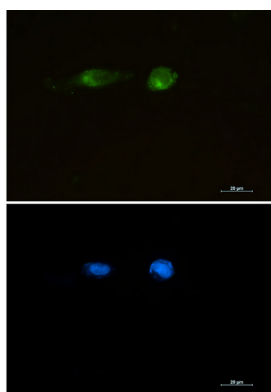


Endocytic receptor involved in endocytosis and in phagocytosis of apoptotic cells. Required for early embryonic development. Involved in cellular lipid homeostasis. Involved in the plasma clearance of chylomicron remnants and activated LRPAP1 (alpha 2-macroglobulin), as well as the local metabolism of 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.

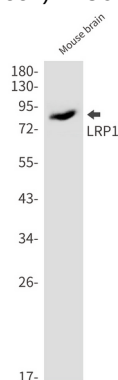
研究领域 (Research Area)

Neuroscience

图片 (Image Data)

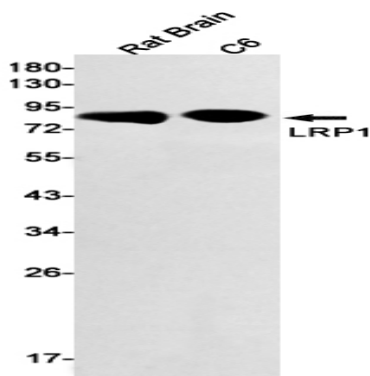


Immunocytochemistry analysis of LRP1 (green) in U87-MG using LRP1 antibody, and DAPI (blue).

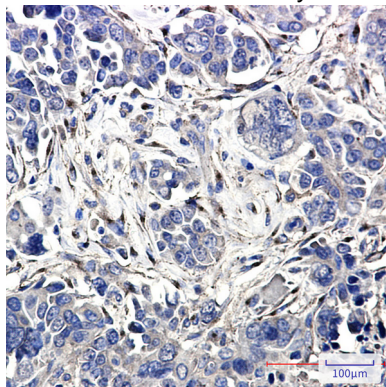


Western blot analysis of LRP1 in mouse brain lysates using LRP1 antibody.

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Western blot analysis of LRP1 in rat Brain, C6 lysates using LRP1 antibody



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

注意事项 (Note)

For research use only .