Recombinant LRP1 Monoclonal Antibody

catalog number: **AN301034L**

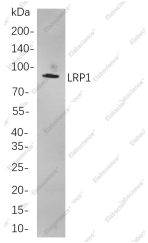
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human LRP1 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110658
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200,

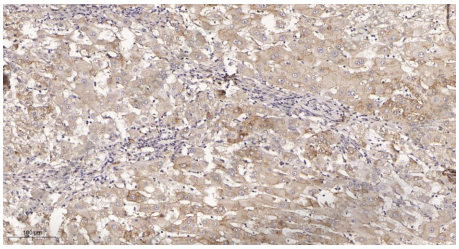
Data



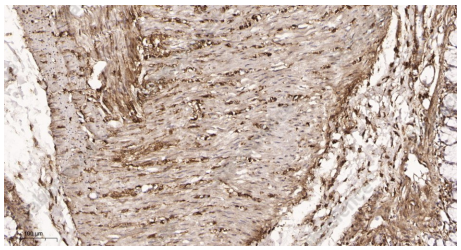
Western Blot with Recombinant LRP1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: A549 cells.

Observed-MW:85 kDa

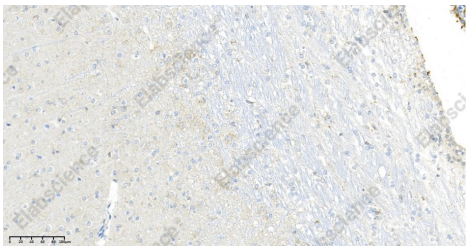
Calculated-MW:85 kDa



Immunohistochemistry of paraffin-embedded human liver tissue using Recombinant LRP1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded rat colon tissue using Recombinant LRP1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded rat brain using Recombinant LRP1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
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This gene encodes a member of the low-density lipoprotein receptor family of proteins. The encoded preproprotein is proteolytically processed by furin to generate 515 kDa and 85 kDa subunits that form the mature receptor (PMID: 8546712). This receptor is involved in several cellular processes, including intracellular signaling, lipid homeostasis, and clearance of apoptotic cells. In addition, the encoded protein is necessary for the alpha 2-macroglobulin-mediated clearance of secreted amyloid precursor protein and beta-amyloid, the main component of amyloid plaques found in Alzheimer patients. Expression of this gene decreases with age and has been found to be lower than controls in brain tissue from Alzheimer's disease patients.

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