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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 IgG,ĸ B785 Clone **Purification** Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

1:200-1:1000 **IHC** 1:1000-1:5000 WB

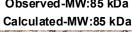
Data

70-25-20-

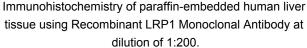


Western Blot with Recombinant LRP1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: A549 cells.

Observed-MW:85 kDa









Rev. V1.1

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

Preparation & Storage

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

Shipping Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com

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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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