

LRP1 Rabbit mAb

Catalog No: #52061

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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

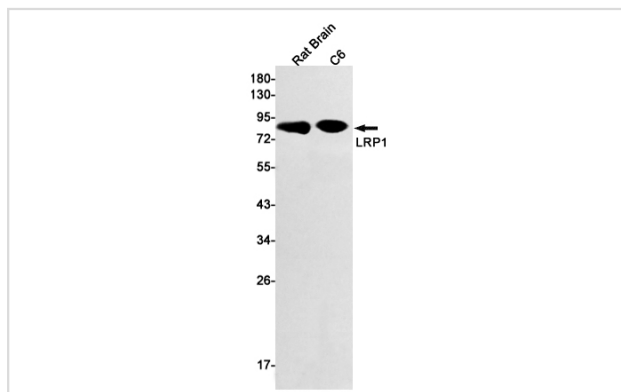
Description

| | |
|-----------------------|--|
| Product Name | LRP1 Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | S09-4E8 |
| Isotype | Rabbit IgG |
| Purification | Affinity Purified |
| Applications | WB IHC |
| 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 |
| Calculated MW | Calculated MW: 85 kDa; Observed MW: 85 kDa |
| Formulation | 50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

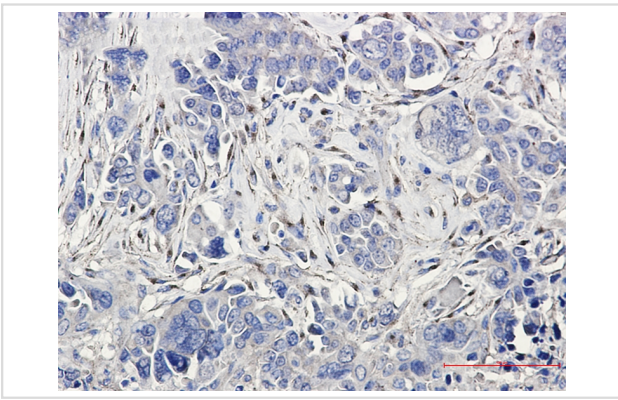
Application Details

WB: 1/2000; IHC: 1/20-1/500;

Images



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



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

Background

Swiss-Prot Acc.Q07954.Endocytic receptor involved in endocytosis and in phagocytosis of apoptotic cells (PubMed:11907044, PubMed:12713657).

Required for early embryonic development (By similarity).

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. Acts as an LRPAP1 alpha-2-macroglobulin receptor (PubMed:26142438, PubMed:1702392).

Acts as TAU/MAPT receptor and controls the endocytosis of TAU/MAPT as well as its subsequent spread (PubMed:32296178).

May modulate cellular events, such as APP metabolism, kinase-dependent intracellular signaling, neuronal calcium signaling as well as neurotransmission (PubMed:12888553).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.