

Rabbit anti-Mouse; Rat LRP1 Polyclonal Antibody | anti-LRP1 antibody

LRP1 Antibody: RPE

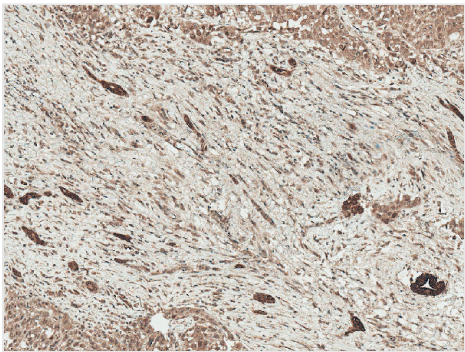
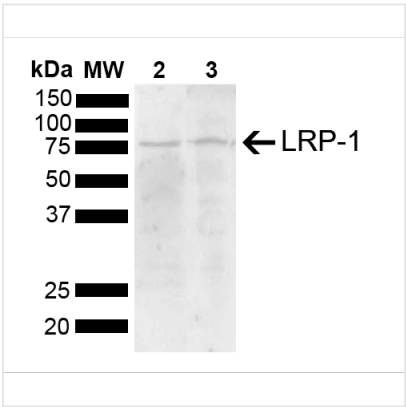
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA253894	Rabbit	Mouse; Rat	Western Blot

PRODUCT SYNONYMS

LRP1; Polyclonal Antibody; LRP1 Antibody: RPE; Rabbit Anti-Human LRP-1 Polyclonal; LRPICD Antibody; APOER Antibody; LRP-85 Antibody; LRP1 Antibody; A2MR Antibody; APR Antibody; Alpha-2-macroglobulin receptor Antibody; Apolipoprotein E receptor Antibody; Prolow-density lipoprotein receptor-related protein 1 Antibody; LRP-515 Antibody; LRP-1 Antibody; CD_antigen: CD91 Antibody; anti-LRP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse; Rat
Clonality	Polyclonal
Specificity	Detects 80 kDa. Band at 80 kDa is a membrane spanning subunit.
Purity/Purification	Peptide Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	4544
Applicable Applications for anti-LRP1 antibody	WB (Western Blot)
Target	LRP-1
Immunogen	Synthetic peptide from the N-terminal of Human Low-density lipoprotein receptor-related protein 1 (aa. 160-260)
Immunogen Species	Human
Cellular Localization	Cell Membrane; Single-Pass Type I Membrane Protein; Membrane; Coated Pit
Conjugate	RPE
Storage Buffer	PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide
Tissue Specificity	Most abundant in liver, brain and lung.
Preparation and Storage	Store at -20 degree C.



IHC (Immunohistochemistry)
Immunohistochemistry analysis using Rabbit Anti-LRP1 Polyclonal Antibody . Tissue: Liver. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-LRP1 Polyclonal Antibody at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.

WB (Western Blot)
Western blot analysis of Mouse, Rat Brain showing detection of 504.6 kDa LRP-1 protein using Rabbit Anti-LRP-1 Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse Brain. Lane 3: Rat Brain . Load: 15 ug. Block: 5% Skim Milk powder in TBST. Primary Antibody: Rabbit Anti-LRP-1 Polyclonal Antibody at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:5000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: 504.6 kDa. Other Band(s): 80 kDa.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LRP1 antibody	Antibodies; Neuroscience; Neurodegeneration; Alzheimer's Disease; Cardiovascular System; Blood; Cancer; Apoptosis; Cancer Metabolism; Cardiovascular System; Atherosclerosis; Cancer; Cell Death
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126012562
NCBI GeneID	4035
NCBI Accession #	NP_002323.2
NCBI GenBank Nucleotide #	NM_002332.2
UniProt Accession #	Q07954; Q2PP12; Q86SW0; Q8IVG8
Molecular Weight	31,631 Da
NCBI Official Full Name	prolow-density lipoprotein receptor-related protein 1 preproprotein
NCBI Official Synonym Full Names	LDL receptor related protein 1
NCBI Official Symbol	LRP1
NCBI Official Synonym Symbols	APR; KPA; LRP; A2MR; CD91; APOER; LRP1A; TGFB5; IGFBP3R; IGFBP-3R; IGFBP3R1
NCBI Protein Information	prolow-density lipoprotein receptor-related protein 1
UniProt Protein Name	Prolow-density lipoprotein receptor-related protein 1
UniProt Gene Name	LRP1
UniProt Synonym Gene Names	A2MR; APR; A2MR; APOER; LRP-85; LRP-515; LRPICD

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.