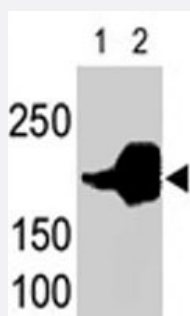


LRP5 polyclonal antibody

Catalog # PAB1979

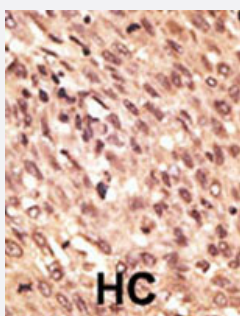
Size 400 uL

Applications



Western Blot (Transfected lysate)

LRP5 polyclonal antibody (Cat # PAB1979) is used in Western blot to detect recombinant human LRP5 (Lane 1) and mouse LRP5 (Lane 2) proteins in transfected 293 cell lysates. Data is kindly provided by Drs. V. Harris and S. Aaronson from the Mount Sinai School of Medicine (New York, NY) .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with LRP5 polyclonal antibody (Cat # PAB1979), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LRP5.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human LRP5.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — LRP5

Entrez GeneID	4041
Protein Accession#	NP_002326:Q9UP66
Gene Name	LRP5
Gene Alias	BMND1, EVR1, EVR4, HBM, LR3, LRP7, OPPG, OPS, OPTA1, VBCH2
Gene Description	low density lipoprotein receptor-related protein 5
Omim ID	144750 166710 259770 601813 601884 603506 607634 607636
Gene Ontology	Hyperlink
Other Designations	exudative vitreoretinopathy 1 low density lipoprotein receptor-related protein 7 osteoporosis pseudoglioma syndrome

Publication Reference

- [Diverse role of LDL receptor-related protein in the clearance of proteases and in signaling.](#)

Strickland DK, Ranganathan S.

Journal of Thrombosis and Haemostasis 2003 Jul; 1(7):1663.

- [LDL receptor-related proteins in neurodevelopment.](#)

May P, Herz J.

Traffic (Copenhagen, Denmark) 2003 May; 4(5):291.

Application: Flow Cyt, IF, Human, Mammalian cells

- [Soluble low-density lipoprotein receptor-related protein.](#)

Grimsley PG, Quinn KA, Owensby DA.

Trends in Cardiovascular Medicine 1998 Nov; 8(8):363.

Application: ELISA, WB, Human, Human plasma, Human serum

Pathway

- [Wnt signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Body Weight](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Femoral Neck Fractures](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Glucose Intolerance](#)
- [Hip Fractures](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoarthritis](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Polycystic Ovary Syndrome](#)
- [Pulmonary Disease](#)
- [Spinal Fractures](#)
- [Spondylarthritis](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)

- [Syndrome](#)
- [Urinary Bladder Neoplasms](#)
- [Vitreoretinopathy](#)
- [Werner syndrome](#)