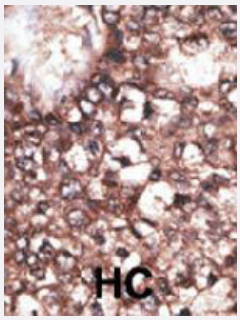
LRP8 polyclonal antibody

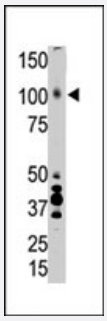
Catalog # PAB4740 Size 400 uL

Applications



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

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with LRP8 polyclonal antibody (Cat # PAB4740) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.



Western Blot (Tissue lysate)

The LRP8 polyclonal antibody (Cat # PAB4740) is used in Western blot to detect LRP8 in placenta tissue lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LRP8.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus amino acids 934-963 of hum an LRP8.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) 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 shoul d be handled by trained staff only.

Applications

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

  Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with LRP8 polyclonal antibody (Cat # PAB4740) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. HC = hepatocarcinoma.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  The LRP8 polyclonal antibody (Cat # PAB4740) is used in Western blot to detect LRP8 in placenta tissue lysate.

Gene Info — LRP8

Entrez GeneID	7804
Protein Accession#	Q14114
Gene Name	LRP8
Gene Alias	APOER2, HSZ75190, MCI1
Gene Description	low density lipoprotein receptor-related protein 8, apolipoprotein e receptor
Omim ID	602600 608446
Gene Ontology	Hyperlink

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Summary	This gene encodes an apolipoprotein E receptor, a member of the low density lipoprotein receptor (LDLR) family. Apolipoprotein E is a small lipophilic plasma protein and a component of lipoproteins such as chylomicron remnants, very low density lipoprotein (VLDL), and high density lipoprotein (HDL). The apolipoprotein E receptor is involved in cellular recognition and internalization of these lipoproteins. Alternative splicing generates multiple transcript variants encoding distinct isoforms for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000010479|OTTHUMP00000010480|OTTHUMP00000010481|apolipoprotein E receptor 2|low density lipoprotein receptor-related protein 8

Publication Reference

- Generation and validation of C-terminal LRP8 antibodies for detecting processed intracellular fragments.

  Alessandro Medoro, Emanuele Foderà, Maurizio Ronci, Marco Trerotola, Donatella Mignogna, Gennaro Raimo, Mariano Intrieri, Anna De Martino, Alessio Lepore, Carola Porcile, Teresa Benincasa, Claudio Russo, Daniela Passarella.

  BioTechniques 2026 Mar; 78(1-12):111.

  Application: WB-Ce, Mouse, Human, N2a, MCF7 cells

- Domains of apoE required for binding to apoE receptor 2 and to phospholipids: implications for the functions of apoE in the brain.

  Li X, Kypreos K, Zanni EE, Zannis V.

  Biochemistry 2003 Sep; 42(35):10406.

- The transmembrane domain and PXXP motifs of ApoE receptor 2 exclude it from carrying out clathrin-mediated endocytosis.

  Sun XM, Soutar AK.

  The Journal of Biological Chemistry 2003 May; 278(22):19926.

  Application: WB-Re, Recombinant protein

- Identification of a novel exon in apolipoprotein E receptor 2 leading to alternatively spliced mRNAs found in cells of the vascular wall but not in neuronal tissue.

  Korschineck I, Ziegler S, Breuss J, Lang I, Lorenz M, Kaun C, Ambros PF, Binder BR.

  The Journal of Biological Chemistry 2001 Apr; 276(16):13192.

Disease

- Alzheimer disease
- Cardiovascular Diseases

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Chronic Disease
- Coronary Artery Disease
- Dementia
- Diabetes Mellitus
- Edema
- Fetal Growth Retardation
- Genetic Predisposition to Disease
- Hepatitis C
- Hypertension
- Kidney Diseases
- Metabolic Syndrome X
- Myocardial Infarction
- Pre-Eclampsia
- Renal Insufficiency
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.