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Datasheet for ABIN390099 anti-LRP5 antibody (C-Term)

2 Images



Overview

Quantity:	400 μL
Target:	LRP5
Binding Specificity:	AA 1538-1567, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This LRP5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1538-1567 amino acids from the C-terminal region of human LRP5.
Clone:	RB1835
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	LRP5
Alternative Name:	LRP5 (LRP5 Products)

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Target Details

	attributed to this gene family.
	intracellular signal propagation, as well as cargo transport, the function most commonly
	system are varied and include the transduction of extracellular signals and the modulation of
	neurodevelopment. The mechanisms by which they regulate the formation of the nervous
	and, for most receptors, animal models have shown that they are indispensable for successful
	activation of various lysosomal enzymes. All LRPs are expressed in the central nervous system
	fibrinolysis. LRP also mediates the cellular entry of certain viruses and toxins and facilitates the
	lipoprotein metabolism and in the catabolism of proteinases involved in coagulation and
	endocytic receptor that participates in several biological pathways and plays prominent roles in
	which are highlighted by the presence of clusters of ligand-binding repeats. LRP is a large
	Structurally, members of the LDLR family share homology within their extracellular domains,
	and disease processes involving lipid metabolism, protease clearance, and cell migration.
	family, binds multiple classes of ligands and has been implicated in a broad range of normal
Background:	Low density lipoprotein (LDL) receptor-related protein (LRP), a member of the LDL receptor

Molecular Weight:	179145
Gene ID:	4041
NCBI Accession:	NP_002326
UniProt:	075197
Pathways:	WNT Signaling, Stem Cell Maintenance, Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

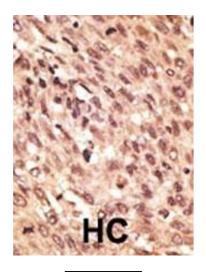
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN390099 | 09/12/2023 | Copyright antibodies-online. All rights reserved. Storage Comment:

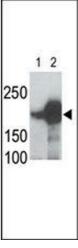
Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date:

6 months

Images





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, 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. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. LRP5 Antibody (C-term) (ABIN390099 and ABIN2837931) 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).

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