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anti-LRP1 antibody (C-Term)



Overview



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		uot	Puge

Quantity:	100 μL
Target:	LRP1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP1 antibody is un-conjugated

Immunocytochemistry (ICC)

Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF),

Product Details

Application:

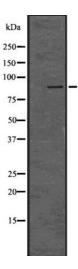
Immunogen:	A synthesized peptide derived from human LRP1/CD91, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	LRP1/CD91 Antibody detects endogenous levels of total LRP1/CD91.
Predicted Reactivity:	Pig,Bovine,Horse,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target: LRP1

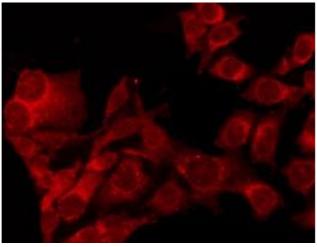
Target Details

Alternative Name:	LRP1 (LRP1 Products)
Background:	Description: Endocytic receptor involved in endocytosis and in phagocytosis of apoptotic cells.
	Required for early embryonic development. 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. May modulate cellular events, such as APP metabolism, kinase-
	dependent intracellular signaling, neuronal calcium signaling as well as neurotransmission
	(PubMed:11907044, PubMed:12888553, PubMed:12713657). Acts as an alpha-2-macroglobulin
	receptor (PubMed:26142438).
	Gene: LRP1
Molecular Weight:	85kDa
Gene ID:	4035
UniProt:	Q07954
Pathways:	Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling
Application Details	
Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



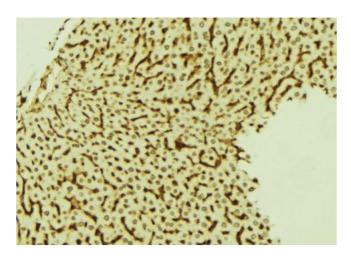
Western Blotting

Image 1. Western blot analysis of LRP1 using HepG2 whole cell lysates



Immunofluorescence (fixed cells)

Image 2. ABIN6274022 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Immunohistochemistry

Image 3. ABIN6274022 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.