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Datasheet for ABIN7440983

## anti-LRP5 antibody (AA 102-336)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	LRP5
Binding Specificity:	AA 102-336
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Low Density Lipoprotein Receptor Related Protein 5 (LRP5)
Immunogen:	Recombinant Low Density Lipoprotein Receptor Related Protein 5 (LRP5) corresponding to Ile102~Cys336 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LRP5. It has been selected for its ability to recognize LRP5 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	LRP5
Alternative Name:	Low Density Lipoprotein Receptor Related Protein 5 ( <a href="#">LRP5 Products</a> )
Background:	HBM, BMND1, EVR1, EVR4, LR3, LRP7, OPPG, OPS, OPTA1, VBCH2, Osteoporosis Pseudoglioma Syndrome, Exudative Vitreoretinopathy 1
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

## Application Details

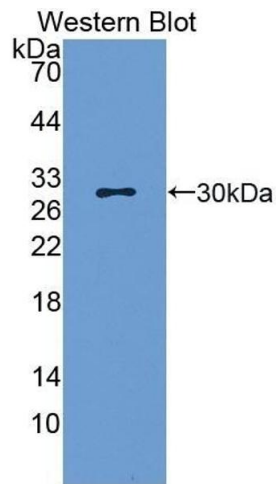
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:340-1350 Immunohistochemistry: 5-20 µg/mL 1:34-135 Immunocytochemistry: 5-20 µg/mL 1:34-135 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



### Western Blotting

**Image 1.** Detection of Recombinant LRP5, Rat using Polyclonal Antibody to Low Density Lipoprotein Receptor Related Protein 5 (LRP5)