

Datasheet for ABIN801635  
**anti-LRP6 antibody (pThr1479) (Biotin)**



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## Overview

Quantity:	100 µL
Target:	LRP6
Binding Specificity:	pThr1479
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP6 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human LRP6 around the phosphorylation site of Thr1479
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

## Target Details

Target:	LRP6
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## Target Details

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Alternative Name: [LRP6 \(LRP6 Products\)](#)

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Background: Synonyms: LRP6 Thr1479, LRP6 T1479, p-LRP6 Thr1479, p-LRP6 T1479, ADCAD2, C030016K15Rik, Cd, FLJ90062, FLJ90421, Low density lipoprotein receptor related protein 6, LRP6\_HUMAN, Low-density lipoprotein receptor-related protein 6, low-density lipoprotein receptor-related protein 6 precursor, LRP-6.

Background: This gene encodes a member of the low density lipoprotein (LDL) receptor gene family. LDL receptors are transmembrane cell surface proteins involved in receptor-mediated endocytosis of lipoprotein and protein ligands. The protein encoded by this gene functions as a receptor or, with Frizzled, a co-receptor for Wnt and thereby transmits the canonical Wnt/beta-catenin signaling cascade. Through its interaction with the Wnt/beta-catenin signaling cascade this gene plays a role in the regulation of cell differentiation, proliferation, and migration and the development of many cancer types. This protein undergoes gamma-secretase dependent RIP- (regulated intramembrane proteolysis) processing but the precise locations of the cleavage sites have not been determined.[provided by RefSeq, Dec 2009].

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Gene ID: 4040

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UniProt: [O75581](#)

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Pathways: [WNT Signaling, Tube Formation](#)

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## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months