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Datasheet for ABIN801633  
**anti-LRP6 antibody (pThr1479)**

### Overview

Quantity:	100 µL
Target:	LRP6
Binding Specificity:	pThr1479
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS), 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

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Target:	LRP6
Alternative Name:	LRP6 ( <a href="#">LRP6 Products</a> )
Background:	<p>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.</p> <p>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].</p>
Gene ID:	4040
UniProt:	<a href="#">O75581</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Tube Formation</a>

## Application Details

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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
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## Handling

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Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months