

# Phospho-LRP6-S1490 Rabbit pAb

Catalog No.: AP1191 **1 Publications**

## Basic Information

### Observed MW

180kDa

### Calculated MW

180kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

WB 1:100 - 1:500

## Immunogen Information

### Gene ID

4040

### Swiss Prot

O75581

### Immunogen

A synthetic phosphorylated peptide around S1490 of human LRP6 (NP\_002327.2).

### Synonyms

ADCAD2; STHAG7; Phospho-LRP6-S1490

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

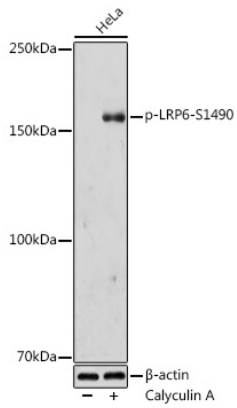
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from HeLa cells, using Phospho-LRP6-S1490 Rabbit pAb (AP1191) at 1:500 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.