Datasheet for ABIN7268299

anti-LRP6 antibody (AA 20-150)

Go to Product page

Overview

Quantity:	100 µL
Target:	LRP6
Binding Specificity:	AA 20-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP6 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Purpose:	LRP6 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-150 of human LRP6 (NP_002327.2).
Sequence:	APLLLYANRR DLRLVDATNG KENATIVVGG LEDAAAVDFV FSHGLIYWSD VSEEAIKRTE FNKTESVQNV VVSGLLSPDG LACDWLGEKL YWTDSETNRI EVSNLDGSLR KVLFWQELDQ PRAIALDPSS G
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	LRP6
Alternative Name:	LRP6 (LRP6 Products)
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.,LRP6,ADCAD2,STHAG7,Epigenetics & Nuclear Signaling,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Signal Transduction,mTOR Signaling Pathway,Cell Biology & Developmental Biology,Microtubules,Wnt/β-Catenin Signaling Pathway,ESC Pluripotency and Differentiation,Stem Cells,LRP6
Molecular Weight:	180kDa
Gene ID:	4040
UniProt:	O75581
Pathways:	WNT Signaling, Tube Formation

Application Details

Application Notes:	IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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. Avoid freeze / thaw cycles.