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## anti-LRP6 antibody





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Quantity:	200 μL	
Target:	LRP6	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This LRP6 antibody is un-conjugated	
Application:	Immunofluorescence (IF)	

#### **Product Details**

Immunogen:	Recombinant fusion protein of human LRP6 (NP_002327.2).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
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	

#### **Target Details**

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.

Gene ID: 4040

UniProt: 075581

Pathways: WNT Signaling, Tube Formation

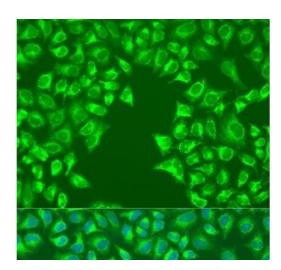
#### **Application Details**

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 mg/mL
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.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using LRP6 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.