Immunotag™ Phospho-LRP6 (Ser1490) Antibody

Antibody Specification

Catalog No.	ITA3883
Product Description	Immunotag™ Phospho-LRP6 (Ser1490) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-LRP6 (Ser1490)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Phospho-LRP6 (Ser1490)
Specificity	Phospho-LRP6 (Ser1490) Antibody detects endogenous levels of LRP6 only when phosphorylated at Ser1490
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	LRP6
Accession No.	O75581
Alternate Names	ADCAD2; C030016K15Rik; Cd; FLJ90062; FLJ90421; Low density lipoprotein receptor related protein 6; Low-density lipoprotein receptor-related protein 6; LRP-6; LRP6; LRP6_HUMAN; OTTHUMP00000238979; OTTHUMP00000238980; OTTHUMP00000238982;

Antibody Specification

Description	Component of the Wnt-Fzd-LRP5-LRP6 complex that triggers beta-catenin signaling through inducing aggregation of receptor-ligand complexes into ribosome-sized signalsomes. Cell-surface coreceptor of Wnt/beta-catenin signaling, which plays a pivotal role in bone formation. The Wnt-induced Fzd/LRP6 coreceptor complex recruits DVL1 polymers to the plasma membrane which, in turn, recruits the AXIN1/GSK3B-complex to the cell surface promoting the formation of signalsomes and inhibiting AXIN1/GSK3-mediated phosphorylation and destruction of beta-catenin. Required for posterior patterning of the epiblast during gastrulation (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	180 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.