

Datasheet for ABIN5006307

anti-LRP5 antibody (AA 451-550) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LRP5
Binding Specificity:	AA 451-550
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP5 antibody is conjugated to AbBy Fluor® 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LRP6
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	LRP5
Alternative Name:	LRP5 + LRP6 (LRP5 Products)
Background:	Synonyms: ADCAD2, C030016K15Rik, Cd, FLJ90062, FLJ90421, Low density lipoprotein

Target Details

receptor related protein 6, LRP6_HUMAN, Low-density lipoprotein receptor-related protein 6, low-density lipoprotein receptor-related protein 6 precursor, LRP-6, LRP-5, LR3, LRP7, Low-density lipoprotein receptor-related protein 5.

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].

Gene ID:	4040, 4041
Pathways:	WNT Signaling , Stem Cell Maintenance , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months