

Rabbit anti-Human LRP6 Monoclonal Antibody | anti-LRP6 antibody

LRP6 Rabbit mAb

CATALOG # AAA282983	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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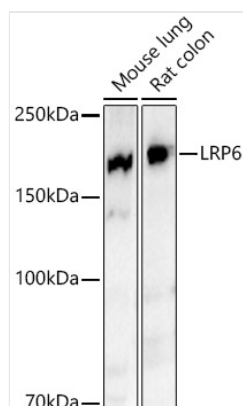
PRODUCT SYNONYMS

LRP6; Monoclonal Antibody; LRP6 Rabbit mAb; ADCAD2; STHAG7; anti-LRP6 antibody

PRODUCT SPECIFICATIONS

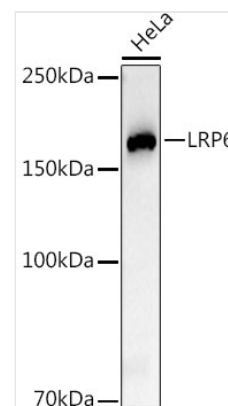
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	CSHLCLAVPV GGFVCGCPAH YSLNADNRTC SAPTTFLFS QKSAINRMVI DEQQSPDIL PIHSLRNVRA IDYDPLDKQL YWIDSRQNMI RKAQEDGSQG F
Applicable Applications for anti-LRP6 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 900-1000 of human LRP6 (NP_002327.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using LRP6 Rabbit mAb (AAA282983) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using LRP6 Rabbit mAb (AAA282983) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-LRP6 antibody	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.
Product Categories/Family for anti-LRP6 antibody	Epigenetics Nuclear Signaling; Translation Control; Regulation of eIF4 and p70 S6 Kinase; Protein phosphorylation; Signal Transduction; mTOR Signaling Pathway; Cell Biology Developmental Biology; Microtubules; Wnt ---Catenin Signaling Pathway; ESC Pluripo

NCBI AND UNIPROT INFORMATION

NCBI GI #	148727288
NCBI GeneID	4040
NCBI Accession #	NP_002327.2
NCBI GenBank Nucleotide #	NM_002336.2
UniProt Accession #	O75581; Q17RZ2
Molecular Weight	Calculated MW: 180kDa Observed MW: 180kDa
UniProt Protein Name	Low-density lipoprotein receptor-related protein 6
UniProt Gene Name	LRP6
UniProt Synonym Gene Names	LRP-6
UniProt Entry Name	LRP6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/lrp6-antibody-western-blot-elisa/282983>