

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

LRP6 Antibody (C-term T1546)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284013	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

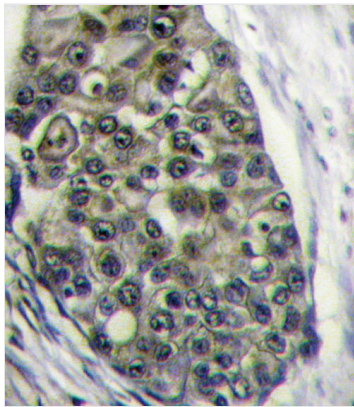
PRODUCT SYNONYMS

LRP6; Polyclonal Antibody; LRP6 Antibody (C-term T1546); Low-density lipoprotein receptor-related protein 6; LRP-6; anti-LRP6 antibody

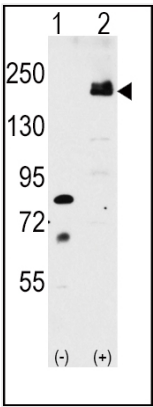
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LRP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1531-1560 amino acids from the C-terminal region of human LRP6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.6 (varies by lot)
Sequence Positions	1531-1560
Sequence Length	1613
Applicable Applications for anti-LRP6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with LRP6 Antibody (C-term T1546) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of LRP6 (arrow) using rabbit polyclonal LRP6 Antibody (C-term T1546). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the LRP6 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-LRP6 antibody	LRP6 is essential for the Wnt/beta catenin signaling pathway, probably by acting as a coreceptor together with Frizzled for Wnt. It is a specific, high-affinity receptor for DKK1 and DKK2, but not DKK3. The interaction with DKK1 blocks LRP6-mediated Wnt/beta catenin signaling via LRP6 removal via Kremen proteins-mediated endocytosis.
Product Categories/Family for anti-LRP6 antibody	Cardiovascular; Neuroscience; Signal Transduction
References	Liu, G., et al., Mol. Cell. Biol. 23(16):5825-5835 (2003). Tamai, K., et al., Nature 407(6803):530-535 (2000). Brown, S.D., et al., Biochem. Biophys. Res. Commun. 248(3):879-888 (1998).

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	180429
NCBI Official Full Name	low-density lipoprotein receptor-related protein 6
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein 6
NCBI Official Symbol	LRP6
NCBI Official Synonym Symbols	ADCAD2
NCBI Protein Information	low-density lipoprotein receptor-related protein 6
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lrp6-antibody-immunohistochemistry-western-blot-elisa/284013>