

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

coreceptor together with Frizzled for Wnt. Specific high-affinity receptor for DKK1 and DKK2, but not DKK3. The interaction with DKK1 blocks LRP6-mediated Wnt/beta

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AP07703PU-NPolyclonal Antibody to LRP6 (Internal) - Aff - PurifiedAlternate names:LRP-6, Low-density lipoprotein receptor-related protein 6Quantity:50 µgConcentration:0.5 mg/mlBackground:Essential for the Wnt/beta catenin signaling pathway, probably by acting as a

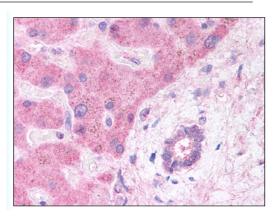
catenin signaling via LRP6 removal via Kremen proteins-mediated endocytosis. Defects in LRP6 are the cause of autosomal dominant coronary artery disease type 2 (ADCAD2). Subcellular location: Membrane and Single-pass type I membrane protein. **Uniprot ID:** 075581 NCBI: NP 002327.2 GenelD: 4040 Host: Goat Immunogen: Synthetic peptide from an internal region of human LRP6 (NP_002327.2) AA Sequence: CMTSVATAKGYTSDL Format: State: Liquid purified IgG fraction Purification: Immunoaffinity Chromatography Buffer System: Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide **Applications:** ELISA: 1/64000. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. This antibody recognizes an epitope corresponding to amino acis 1546-1560 of Human **Specificity:** IRP6 **Species Reactivity:** Tested: Human. Expected from sequence similarity: Gorilla, Gibbon, Monkey, Marmoset, Rat, Hamster, Panda, Dog, Horse, Rabbit, Pig, Mouse, Elephant, Bovine, Bat. Upon receipt, store undiluted (in aliquots) at -20°C. Storage: Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

ORIGENE AP07703PU-N: Polyclonal Antibody to LRP6 (Internal) - Aff - Purified

Pictures:

Figure 1. Formalin-Fixed Paraffin-Embedded (FFPE) on Hepatocytes and Bile Duct.



For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.