

Goat anti-LRP6 Antibody

Item Number	dAP-0553
Target Molecule	Principle Name: LRP6; Official Symbol: LRP6; All Names and Symbols: LRP6; low density lipoprotein receptor-related protein 6; low density lipoprotein-related protein 6; ADCAD2; FLJ90062; FLJ90421; Accession Number (s): NP_002327.2; Human Gene ID(s): 4040; Non-Human GeneID(s): 16974 (mouse)
Immunogen	CMTSVATAKGYTSDL, is from internal region This antibody is expected to recognise an epitope corresponding to aa 1546-1560 of human LRP6 protein.
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 50kDa and 35kDa in Human Adipose lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows luminal membrane staining in DCT. Recommended concentration: 4-6µg/ml.
Reference	Reference(s): Tamai K, Semenov M, Kato Y, Spokony R, Liu C, Katsuyama Y, Hess F, Saint-Jeannet JP, He X. LDL-receptor-related proteins in Wnt signal transduction. Nature. 2000 Sep 28;407(6803):530-5. .PMID: 11029007 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**