

Goat anti-LRP5 Antibody

Item Number	dAP-0684
Target Molecule	Principle Name: LRP5; Official Symbol: LRP5; All Names and Symbols: LRP5; low density lipoprotein receptor-related protein 5; HGNC:6697; BMND1; HBM; LR3; LRP7; OPPG; OPS; VBCH2; low density lipoprotein receptor-related protein 7; osteoporosis pseudoglioma syndrome; EVR1; EVR4; OPTA1; exudative vitreoretinopathy 1;; Accession Number (s): NP_002326.2; Human Gene ID(s): 4041; Non-Human GenelD (s):
Immunogen	ERVEKTTGDKRT, is from internal region
Applications	Pep ELISA, WB, 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 16000.
Western Blot	Western Blot: Approx 180kDa band observed in lysates of cell line HepG2 (calculated MW of 179kDa according to NP_002326.2). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows weak cytoplasm staining in some hepatocytes. Recommended concentration: 2-4µg/ml.
Reference	Reference(s): He X, Semenov M, Tamai K, Zeng X. LDL receptor-related proteins 5 and 6 in Wnt/beta-catenin signaling: arrows point the way. <i>Development</i> . 2004 Apr;131(8):1663-77. Review. PMID: 15084453 ->

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**