

Goat anti-LRP1 (aa3941-3951) Antibody

Item Number	dAP-3243
Target Molecule	Principle Name: LRP1 (aa3941-3951); Official Symbol: LRP1; All Names and Symbols: LRP1; low density lipoprotein receptor-related protein 1; A2MR; APOER; APR; CD91; IGFBP3R; LRP; LRP1A; TGFB5; LRP-1; TbetaR-V/LRP-1/IGFBP-3 receptor; alpha-2-macroglobulin receptor; apolipoprotein E receptor; prolow-density lipoprotein receptor-related p; Accession Number (s): NP_002323.2; Human Gene ID(s): 4035; Non-Human GenelD(s): 16971 (mouse) 299858 (rat)
Immunogen	HRRQIDRGVTH, is from internal region
Applications	Pep ELISA Species Tested:
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 128000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 505kDa according to NP_002323.2. Therefore we cannot recommend an optimal concentration and the antibody i
IHC	
Reference	Reference(s): Yahiro K, Satoh M, Nakano M, Hisatsune J, Isomoto H, Sap J, Suzuki H, Nomura F, Noda M, Moss J, Hirayama T. Low-density lipoprotein receptor-related protein-1 (LRP1) mediates autophagy and apoptosis caused by Helicobacter pylori VacA. The Journal of biological chemistry 2012 Sep 287 (37):

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**