

## Goat anti-LRP1 (aa3941-3951) Antibody

<b>Item Number</b>	dAP-3243
<b>Target Molecule</b>	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; TGFBR5; 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 GeneID(s): 16971 (mouse) 299858 (rat)
<b>Immunogen</b>	HRRQIDRGVTH , is from internal region
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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
<b>IHC</b>	
<b>Reference</b>	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**