

## Goat anti-GLP-1-R (mouse) Antibody

<b>Item Number</b>	dAP-2880
<b>Target Molecule</b>	Principle Name: GLP-1-R (mouse); Official Symbol: Glp1r; All Names and Symbols: Glp1r; glucagon-like peptide 1 receptor; GLP-1R; GLP1Rc; GLP-1 receptor; GLP-1-R; Accession Number (s): NP_067307.2; Human Gene ID(s): ; Non-Human GeneID(s): 14652 (mouse)
<b>Immunogen</b>	SKRGERNFPEEQ, is from internal region The immunizing peptide represents part of an extracellular region.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Mouse
<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: Approx 55kDa band observed in Mouse Heart lysates (calculated MW of 53.0kDa according to NP_067307.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lamont BJ, Li Y, Kwan E, Brown TJ, Gaisano H, Drucker DJ. Pancreatic GLP-1 receptor activation is sufficient for incretin control of glucose metabolism in mice. J Clin Invest. 2012 Jan 3;122(1):388-402..PMID: 22182839->

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**