

Goat anti-GLP1R Antibody

Item Number	dAP-2997
Target Molecule	Principle Name: GLP1R; 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_002053.3; Human Gene ID(s): 2740; Non-Human GenID(s): 14652 (mouse) 25051 (rat)
Immunogen	QHQWDGLLSYQD, is from internal region The immunizing peptide represents part of an extracellular region.
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Brain (Cerebral and Frontal Cortex, Hippocampus) lysates (calculated MW of 53.0kDa according to NP_002053.3). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was un
IHC	
Reference	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. <i>J Clin Invest.</i> 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 end users! This product is sold for **Research Use Only**