

Goat anti-Glucagon receptor Antibody

Item Number	dAP-1118
Target Molecule	Principle Name: Glucagon receptor; Official Symbol: GCGR; All Names and Symbols: GCGR; glucagon receptor; GGR; MGC138246; Accession Number (s): NP_000151.1; Human Gene ID(s): 2642; Non-Human GeneID(s):
Immunogen	HGPPSKELQFGR, is from internal region (near the C Terminus)
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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 35kDa band in Human Kidney and Liver lysates after 0.03µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated s
IHC	
Reference	Reference(s): Sorensen H, Winzell MS, Brand CL, Fosgerau K, Gelling RW, Nishimura E, Ahren B. Glucagon receptor knockout mice display increased insulin sensitivity and impaired beta-cell function. Diabetes. 2006 Dec;55(12):3463-9. .PMID: 17130493 ->

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**