

Goat anti-GIPR Antibody

Item Number	dAP-1958
Target Molecule	Principle Name: GIPR; Official Symbol: GIPR; All Names and Symbols: GIPR; gastric inhibitory polypeptide receptor ; HGNC:4271; MGC126722; Accession Number (s): NP_000155.1; Human Gene ID(s): 2696; Non-Human GeneID(s):
Immunogen	EEQRQLPERAFR, is from internal region (near 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 128000.
Western Blot	Western Blot: Preliminary experiments gave an approx 37kDa band in Human Pancreas lysates after 2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 53.2
IHC	
Reference	Reference(s): Herbach N, Goeke B, Schneider M, Hermanns W, Wolf E, Wanke R. Overexpression of a dominant negative GIP receptor in transgenic mice results in disturbed postnatal pancreatic islet and beta-cell development. Regul Pept. 2005 Feb 15;125(1-3):103-17. .PMID: 15582721 ->

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**