



Goat anti-Pancreatic Polypeptide / PPY Antibody

Item Number	dAP-0668
Target Molecule	Principle Name: Pancreatic Polypeptide / PPY; Official Symbol: PPY; All Names and Symbols: PPY; pancreatic polypeptide; HGNC:9327; PNP; pancreatic polypeptide Y; Accession Number (s): NP_002713.1; Human Gene ID(s): 5539; Non-Human GeneID(s):
Immunogen	TRPRYGKRHKEDT, is from internal region
Applications	Pep ELISA, IHC 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 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx 35-38kDa band in Human Pancreas lysates after 1µg/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 1
IHC	Immunohistochemistry: In paraffin embedded Human Pancreas, shows strong cytoplasmic staining of rare cells located at the periphery of islets of Langerhans. Recommended concentration: 3µg/ml. Paraffin embedded Human Pancreas and Intestine. Recommended co
Reference	Reference(s): Badman MK, Flier JS. The gut and energy balance: visceral allies in the obesity wars. Science. 2005 Mar 25;307(5717):1909-14. Review. PMID: 15790843 ->

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**