

DNAxPAb

Hard-to-Find
Antibody

PPY DNAxPab

Catalog # H00005539-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPY DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAAARLCLSLLLLSTCVALLLQPLLGAQGAPLEPVYPGDNATPEQMAQYAADLRRYINMLTRPRY GKRHKEDTLAFSEWGSPPHAAVPRELSPLDL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PPY

Entrez GeneID [5539](#)**GeneBank Accession#** [BC032225.2](#)**Protein Accession#** [AAH32225.1](#)**Gene Name** PPY**Gene Alias** PNP**Gene Description** pancreatic polypeptide**Omim ID** [167780](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene belongs to the NPY family and it encodes a protein that is synthesized as a 95 aa polypeptide precursor in the pancreatic islets of Langerhans. It is cleaved into two peptide products; the active hormone of 36 aa and an icosapeptide of unknown function. The hormone acts as a regulator of pancreatic and gastrointestinal functions and may be important in the regulation of food intake. Plasma level of this hormone has been shown to be reduced in conditions associated with increased food intake and elevated in anorexia nervosa. In addition, infusion of this hormone in obese rodents has shown to decrease weight gain. [provided by RefSeq]

Other Designations pancreatic polypeptide Y

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Diabetes Mellitus](#)
- [Obesity](#)