

[Go to Product page](#)

## Datasheet for ABIN7466264 **anti-PPY antibody**

### Overview

Quantity:	100 µL
Target:	PPY
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPY antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

### Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human Pancreatic polypeptide. The exact sequence is proprietary.
Clone:	GT6512
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse
Purification:	Affinity purified by Protein G.

### Target Details

Target:	PPY
Alternative Name:	pancreatic polypeptide ( <a href="#">PPY Products</a> )

## Target Details

Background:	Pancreatic polypeptide , PNP , PP,This gene encodes a member of the neuropeptide Y (NPY) family of peptides. The encoded 95 aa preproprotein is synthesized in the pancreatic islets of Langerhans and proteolytically processed to generate two peptide products. These products include the active pancreatic hormone of 36 aa and an icosapeptide of unknown function. This 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. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]
Molecular Weight:	10 kDa
Gene ID:	5539
UniProt:	<a href="#">P01298</a>
Pathways:	<a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: human PPY-transfected 293T cells
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.