

Anti-PPY antibody

Cat. No.	ml264297
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PPY rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human PPY
Reactivity	Human, Rat
Content	2.28 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PPY
Full name	pancreatic polypeptide
Synonyms	PP; PNP
Swissprot	P01298

Target Background

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.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 11 kDa

Positive control: Rat pancreas tissue lysate

Recommended dilution: 1000-5000

Gel: 12% SDS-PAGE

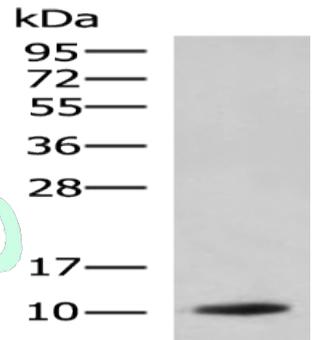
Lysate: 40 µg

Lane: Rat pancreas tissue lysate

Primary antibody: ml264297 (PPY Antibody) at dilution 1/1900

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 3 minutes



ELISA

Recommended dilution: 5000-10000

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