

Anti-Pancreatic Polypeptide/PPY Antibody (Monoclonal, 32P15)

Catalog Number: M01676-1

About PPY

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.

Overview

Product Name	Anti-Pancreatic Polypeptide/PPY Antibody (Monoclonal, 32P15)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Pancreatic Polypeptide/PPY Antibody (Monoclonal, 32P15) catalog # M01676-1. Tested in IHC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC
Clonality	Monoclonal 32P15
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01298

Technical Details

Immunogen	Recombinant protein within human PPY aa 32-93.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Immunohistochemistry, 1:50-200
Immunofluorescence, 1:50-200

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