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PPY Polyclonal Antibody

Cat #: G-AB-06034

Host: Rabbit **Reactivity:** Human, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #: NP002713

Immunogen: Synthetic peptide of human PPY

Conjugation: Unconjugated

Swissprot: P01298

Calculated Molecular Weight: 11 kDa

Observed Molecular Weight: Refer to figures

Concentration: 2.28 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: WB,ELISA

Dilution: WB 1:1000-1:5000, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.