PPY Antibody

Catalog No: #47676



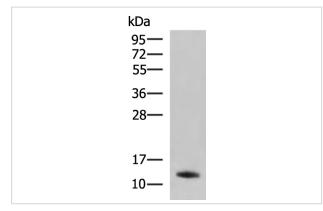
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Product NamePPY AntibodyHost SpeciesRabbitClonalityPolyclonalPurificationAntigen affinity purificationApplicationsWBSpecies ReactivityHu, RtSpecificityThe antibody detects endogenous levels of total PPY protein.Immunogen TypePeptideImmunogen DescriptionSynthetic peptide of human PPYTarget NamePPYOther NamesPP; PNPAccession No.Swiss-Prot#:P01298NCBI Gene ID:5539Gene Accssion:NP_002713UniprotP01298GeneID5539;Calculated MW11 kDaConcentration3FormulationRabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.StorageStorage	Description		Support: tech@signalwayantibody.co
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Formulation Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.	Calculated MW	11 kDa	
	Concentration	3	
Storage Store at -20°C	Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.	
	Storage	Store at -20°C	

Application Details

WB dilution:1:1000-5000

Images



Gel: 12%SDS-PAGE, Lysate: 40 µg, Lane: Rat pancreas tissue lysate, Primary antibody:47676(PPY Antibody) at dilution 1/2500, Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution, Exposure time: 3 minutes

Background

This gene encodes a member of the neuropeptide Y (NPY) family of peptides. The encoded 95 as 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 as 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.

Note: This product is for in vitro research use only