

产品名称: NPY Rabbit Polyclonal Antibody
产品货号: APRab14858



产品概述 (Summary)

产品名称 (Production Name)	NPY Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NPY
别名 (Alternative Names)	NPY; Pro-neuropeptide Y
基因 ID (Gene ID)	4852.0
蛋白 ID (SwissProt ID)	P01303.The antiserum was produced against synthesized peptide derived from human NPY. AA range:45-94

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

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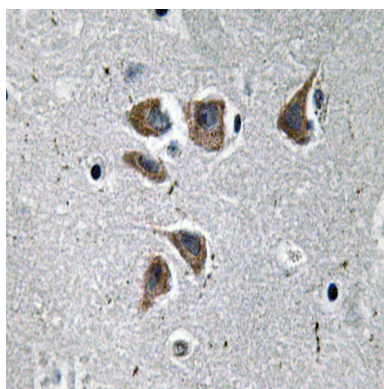


This gene encodes a neuropeptide that is widely expressed in the central nervous system and influences many physiological processes, including cortical excitability, stress response, food intake, circadian rhythms, and cardiovascular function. The neuropeptide functions through G protein-coupled receptors to inhibit adenylyl cyclase, activate mitogen-activated protein kinase (MAPK), regulate intracellular calcium levels, and activate potassium channels. A polymorphism in this gene resulting in a change of leucine 7 to proline in the signal peptide is associated with elevated cholesterol levels, higher alcohol consumption, and may be a risk factor for various metabolic and cardiovascular diseases. The protein also exhibits antimicrobial activity against bacteria and fungi. [provided by RefSeq, Oct 2014],function:NPY is implicated in the control of feeding and in secretion of gonadotrophin-release hormone.,online information:Neuropeptide Y entry,similarity:Belongs to the NPY family.,tissue specificity:One of the most abundant peptides in the nervous system. Also found in some chromaffin cells of the adrenal medulla.,

研究领域 (Research Area)

Adipocytokine;

图片 (Image Data)



Immunohistochemistry analysis of NPY antibody in paraffin-embedded human brain tissue.

注意事项 (Note)

For research use only .