


Anti-Neuropeptide Y antibody ab30914

★★★★★ [17 Abreviews](#) [77 References](#) [3 图像](#)

概述

产品名称	Anti-Neuropeptide Y抗体
描述	兔多克隆抗体to Neuropeptide Y
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Sheep, Rabbit, Chicken, Guinea pig, Cow, Pigeon, Pig, Zebrafish, Rhesus monkey, Common marmoset 
免疫原	Synthetic peptide corresponding to Pig Neuropeptide Y aa 1 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as ab32971)
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. Immunogen affinity purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab30914于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (8)	Use at an assay dependent concentration.

靶标

功能

NPY is implicated in the control of feeding and in secretion of gonadotrophin-release hormone.

组织特异性

One of the most abundant peptides in the nervous system. Also found in some chromaffin cells of the adrenal medulla.

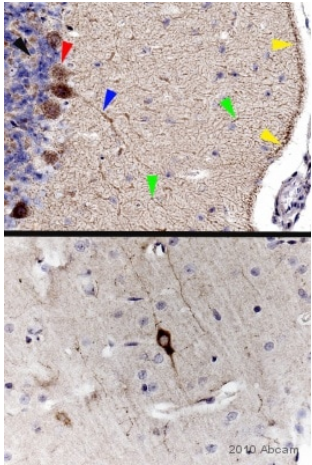
序列相似性

Belongs to the NPY family.

细胞定位

Secreted.

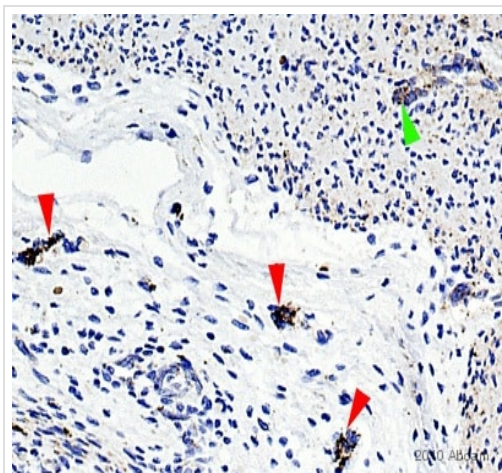
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neuropeptide Y antibody (ab30914)

This image is courtesy of an abreview submitted by Carl Hobbs, King's College London, United Kingdom

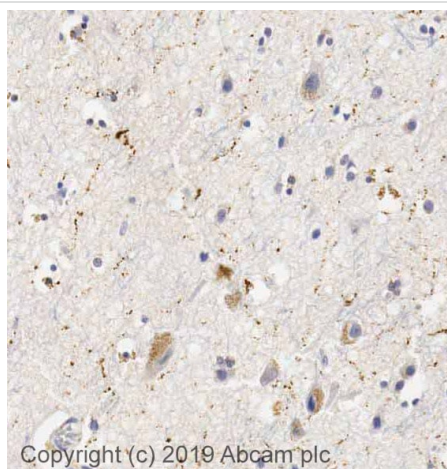
Immunohistochemical detection of Neuropeptide Y using ab30914 on formaldehyde-fixed paraffin-embedded rat brain sections. The image shows NPY staining in the cerebellum and frontal cortex of the rat brain. Formaldehyde antigen retrieval step: heat mediated in citric acid pH6 buffer. Blocking step: 1% BSA for 10 mins at room temperature. ab30914 incubated at 1/1000 for 2 hours in TBS/BSA/azide. Secondary Antibody: anti-rabbit IgG conjugated to biotin (1/200)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neuropeptide Y antibody (ab30914)

This image is courtesy of an abreview submitted by Carl Hobbs, King's College London, United Kingdom

Immunohistochemical detection of Neuropeptide Y antibody (ab30914) on formaldehyde fixed paraffin-embedded human foetal wall sections. Antigen retrieval step: Heat mediated. Buffer: Citric acid pH6. Permeabilization: None. Blocking step: 1% BSA for 10 mins at 21°C. Primary antibody incubated at 1/1500 for 2 hours at 21°C in TBS/BSA/azide. Abcam's EXPOSE detection kit was used: **ab80436**. NB: In the submitted image arrowheads indicate positive features: red for ganglion cells in the Submucosa (Meissner's plexus), green for ganglion cells in the Muscularis externa (Auerbach's plexus). There is also a diffuse fine positivity throughout the smooth muscle cells of the externa.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neuropeptide Y antibody (ab30914)

IHC image of Neuropeptide Y antibody staining in a section of formalin-fixed paraffin-embedded human cerebral cortex* tissue performed on a Leica BOND™ system using the standard protocol. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab30914, 1ug/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

**Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre*

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