

Anti-Tyrosine Hydroxylase antibody ab76442

★★★★★ [12 Abreviews](#) [127 References](#) [3 图像](#)

概述

产品名称	Anti-Tyrosine Hydroxylase抗体
描述	鸡多克隆抗体to Tyrosine Hydroxylase
宿主	Chicken
经测试应用	适用于: IHC-P, IHC-FrFI 不适用于: WB
种属反应性	与反应: Mouse
免疫原	Two synthetic peptide/ keyhole limpet hemocyanin (KLH) conjugates. These synthetic peptides corresponded to different regions of the Tyrosine Hydroxylase gene product, but were shared between the human (P07101) and mouse (P24529) sequences.
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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.02% Sodium azide Constituent: 0.0268% PBS
纯度	Immunogen affinity purified
纯化说明	Two different affinity-purified anti-peptide antibodies were combined to make this product. After repeated injections of synthetic peptides into the hens, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were affinity-purified using a peptide column, and the concentrations of the eluates adjusted to 100 ug/ml. Finally, equal volumes of both affinity-purified anti-peptide antibody preparations were mixed, and the preparation was filter-sterilized. The concentrations of both antibodies were 100 ug/ml (based on Bradford assay

readings using bovine serum albumin as a standard), making the total antibody concentration 200 ug/ml.

克隆 多克隆
同种型 IgY

应用

The Abpromise guarantee Abpromise™承诺保证使用ab76442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	★★★★★ (3)	1/1000 - 1/2000.
IHC-FrFI	★★★★★ (3)	1/1000.

应用说明 Is unsuitable for WB.

靶标

功能 Plays an important role in the physiology of adrenergic neurons.

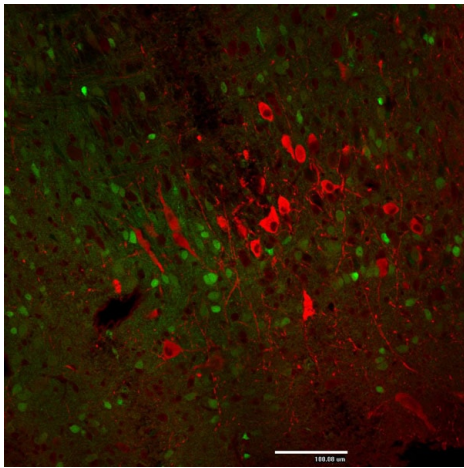
组织特异性 Mainly expressed in the brain and adrenal glands.

通路 Catecholamine biosynthesis; dopamine biosynthesis; dopamine from L-tyrosine: step 1/2.

疾病相关 Defects in TH are the cause of dystonia DOPA-responsive autosomal recessive (ARDRD) [MIM:605407]; also known as autosomal recessive Segawa syndrome. ARDRD is a form of DOPA-responsive dystonia presenting in infancy or early childhood. Dystonia is defined by the presence of sustained involuntary muscle contractions, often leading to abnormal postures. Some cases of ARDRD present with parkinsonian symptoms in infancy. Unlike all other forms of dystonia, it is an eminently treatable condition, due to a favorable response to L-DOPA. Note=May play a role in the pathogenesis of Parkinson disease (PD). A genome-wide copy number variation analysis has identified a 34 kilobase deletion over the TH gene in a PD patient but not in any controls.

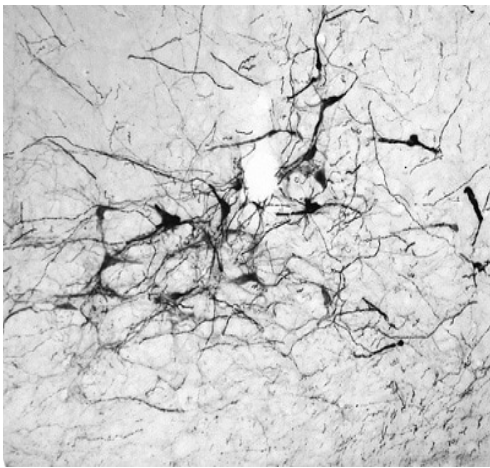
序列相似性 Belongs to the bipterin-dependent aromatic amino acid hydroxylase family.

图片



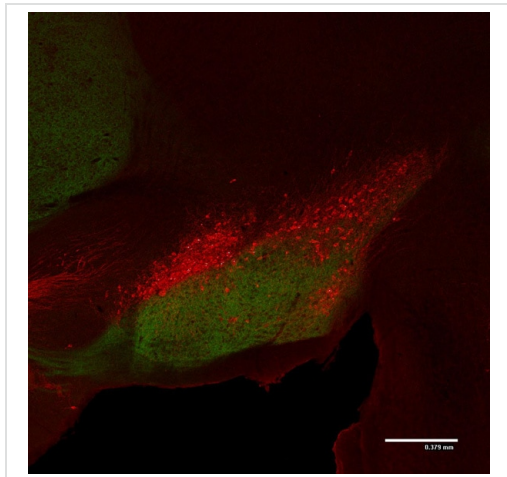
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody (ab76442)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of adult mouse hippocampus tissue labelling Tyrosine Hydroxylase (red) with ab76442. Tissue was fixed with 4% paraformaldehyde. Green: GFP autofluorescence (under control of actin promoter).



Immunohistochemistry - Free Floating - Anti-Tyrosine Hydroxylase antibody (ab76442)

Immunohistochemistry (Free Floating) analysis of the rostral ventral lateral medulla in adult mouse brain labelling tyrosine hydroxylase with ab76442 at a dilution of 1/1000. Tissue was fixed with 10% formalin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of adult mouse hippocampus tissue labelling Tyrosine Hydroxylase (red) with ab76442. Tissue was fixed with 4% paraformaldehyde. Green: GFP autofluorescence (under control of actin promoter).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tyrosine Hydroxylase antibody (ab76442)

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