abcam

Product datasheet

Anti-Tyrosine Hydroxylase antibody ab113

★★★★★ **2 Abreviews**   **63 References**   **1 图像**

概述

产品名称	Anti-Tyrosine Hydroxylase抗体
描述	羊多克隆抗体to Tyrosine Hydroxylase
宿主	Sheep
经测试应用	**适用于:** WB
种属反应性	**与反应:** Rat
	预测可用于: Mammals ⚠
免疫原	Full length native protein (purified) corresponding to Rat Tyrosine Hydroxylase aa 1 to the C-terminus. SDS-denatured, native rat tyrosine hydroxylase purified from pheochromocytoma (rat) Database link: **P04177**
常规说明	ab113 can be used as a marker for dopaminergic and noradrenergic neurons.

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.

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

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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: 7.50 Constituents: PBS, 0.01% BSA, 0.87% Sodium chloride, 50% Glycerol, 0.238% HEPES
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee　　　　**Abpromise™承诺保证使用ab113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
WB		1/200. Predicted molecular weight: 60 kDa.

靶标

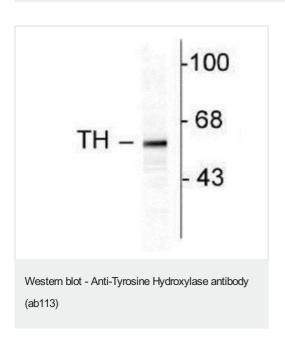|	
功能	Plays an important role in the physiology of adrenergic neurons.
组织特异性	Mainly expressed in the brain and adrenal glands.
通路	Catecholamine biosynthesis; dopamine biosynthesis; dopamine from L-tyrosine: step 1/2.
疾病相关	Defects in TH are the cause of dystonia DOPA-responsive autosomal recessive (ARDRD) [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 biopterin-dependent aromatic amino acid hydroxylase family.

图片

Western blot of 10 ug of rat caudate lysate showing specific immunolabeling of the ~60k tyrosine hydroxylase protein.

Western blot - Anti-Tyrosine Hydroxylase antibody (ab113)

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