

Anti-DOPA Decarboxylase/DDC antibody ab233132

4 图像

概述

产品名称	Anti-DOPA Decarboxylase/DDC抗体
描述	兔多克隆抗体to DOPA Decarboxylase/DDC
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Cow, Human
免疫原	Recombinant fragment (His-T7-tag) corresponding to Human DOPA Decarboxylase/DDC aa 200-450. Two N-terminal tags.Expressed in E.coli. Database link: P20711-1
阳性对照	WB: Recombinant human DOPA Decarboxylase/DDC protein; Cow kidney lysate. IHC-P: Human lung tissue.
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>

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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: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
纯化说明	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab233132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		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 54 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

靶标

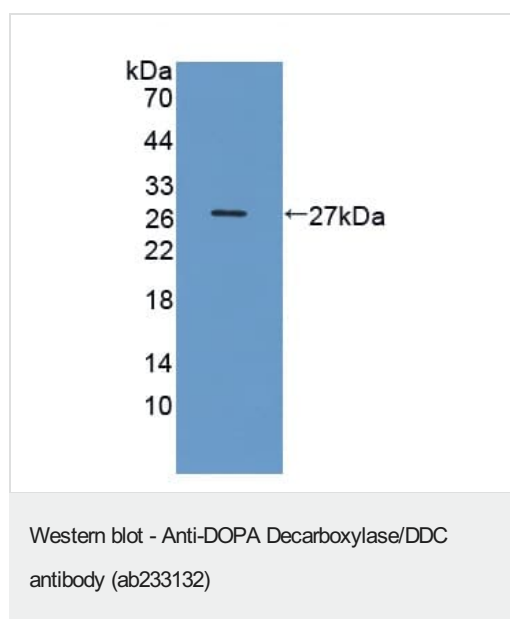
功能 Catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine.

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

疾病相关 Defects in DDC are the cause of aromatic L-amino-acid decarboxylase deficiency (AADCD) [MIM:608643]. AADCD deficiency is an inborn error in neurotransmitter metabolism that leads to combined serotonin and catecholamine deficiency. It causes developmental and psychomotor delay, poor feeding, lethargy, ptosis, intermittent hypothermia, gastrointestinal disturbances. The onset is early in infancy and inheritance is autosomal recessive.

序列相似性 Belongs to the group II decarboxylase family.

图片



Anti-DOPA Decarboxylase/DDC antibody (ab233132) at 2 µg/ml +
Recombinant human DOPA Decarboxylase/DDC protein

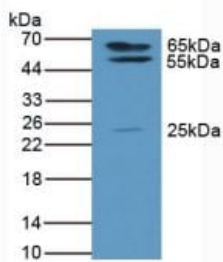
Predicted band size: 54 kDa



Western blot - Anti-DOPA Decarboxylase/DDC antibody (ab233132)

Anti-DOPA Decarboxylase/DDC antibody (ab233132) at 2 µg/ml +
Cow kidney tissue lysate

Predicted band size: 54 kDa



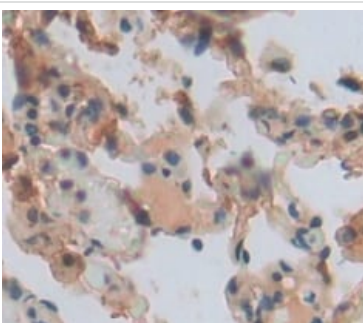
Western blot - Anti-DOPA Decarboxylase/DDC antibody (ab233132)

Anti-DOPA Decarboxylase/DDC antibody (ab233132) at 2 µg/ml +
Cow kidney tissue lysate

Secondary

HRP-Linked Guinea pig anti-Rabbit at 1/1000 dilution

Predicted band size: 54 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DOPA Decarboxylase/DDC antibody (ab233132)

Formalin-fixed, paraffin-embedded human lung tissue stained for
DOPA Decarboxylase/DDC using ab233132 at 20 µg/ml in
immunohistochemical analysis. DAB staining.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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