



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## DDC purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00001644-B01P

規格 : [ 50 ug ]

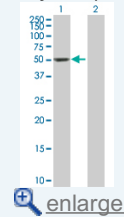
[List All](#)

### Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human DDC protein.
<b>Immunogen:</b>	DDC (AAH08366, 1 a.a. ~ 480 a.a) full-length human protein.
<b>Sequence:</b>	MNASEFRRRGKEMVDYVANYMEGIEGRQVYPDVEPGYLRPLIPAAAPQE PDTFEDIINDVEKIIMPGVTHWHSPYFFAYFPTASSYPAMLADMLCGAIGCI GFSWAASPACTELETVMMDWLGKMLELPAKFLNEKAGEGGGVIQGSAS EATLVALLAARTKVIHRLQAASPELTQAAIMEKLVAYSSDQAHSSVERAGL IGGVKPKAIPSDGNFAMRASALQEALERDKAAGLIPFFMVATLGTTTCCS FDNLLEVGPICNKEDIWLHVDAAYAGSAFICPEFRHLLNGVEFADSFNFP HKWLLVNFDCSAMWVKKRTDLTGAFRLDPTYLKHSHQDGLITDYRHW QIPLGRRFRSLKMMWFVFRMYGVKGLQAYIRKRVQLSHEFESLVRQDPRF EICVEVILGLVCFRLKGSNKVNEALLQRINSAKKIHLVPCHLRDKFVLRFAIC SRTVESAHVQRAWEHIKELAADVLAERE
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	<a href="#">Download</a>
<b>Datasheet:</b>	<a href="#">Download</a>

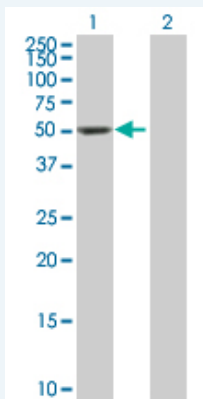
### Application Image

Western Blot (Transfected lysate)



### Applications

#### Western Blot (Transfected lysate)



Western Blot analysis of DDC expression in transfected 293T cell line (H00001644-T01) by DDC MaxPab polyclonal antibody.

Lane 1: DDC transfected lysate(52.8 KDa).  
Lane 2: Non-transfected lysate.

## Gene Information

**Entrez GeneID:** [1644](#)

**GeneBank Accession#:** [BC008366.1](#)

**Protein Accession#:** [AAH08366](#)

**Gene Name:** DDC

**Gene Alias:** AADC

**Gene Description:** dopa decarboxylase (aromatic L-amino acid decarboxylase)

**Omim ID:** [107930](#), [608643](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The encoded protein catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. Defects in this gene are the cause of aromatic L-amino-acid decarboxylase deficiency (AADCD). AADCD deficiency is an inborn error in neurotransmitter metabolism that leads to combined serotonin and catecholamine deficiency. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]

**Other Designations:** L-Dopa decarboxylase,aromatic L-amino acid decarboxylase

## Gene Pathway

[Betalain biosynthesis](#) [Biosynthesis of alkaloids derived from shikimate pathway](#)  
[Histidine metabolism](#) [Isoquinoline alkaloid biosynthesis](#) [Metabolic pathways](#)  
[Phenylalanine metabolism](#) [Tryptophan metabolism](#) [Tyrosine metabolism](#)

## Related Disease

[Anorexia Nervosa](#) [Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#)  
[Bipolar Disorder](#) [Bulimia](#) [Cardiovascular Diseases](#) [Cognition](#) [Depressive Disorder](#)  
[Diabetes Mellitus, Type 2](#) [Disease Models, Animal](#) [Ductus Arteriosus, Patent](#) [Edema](#)  
[Genetic Predisposition to Disease](#) [Hypercholesterolemia](#) [Infant, Premature, Diseases](#)  
[Mental Disorders](#) [Migraine Disorders](#) [NARP](#) [Obesity](#)

... see more