



# 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 (Human) Matched Antibody Pair

Catalog # : H00001644-AP21

規格 : [ 1 Set ]

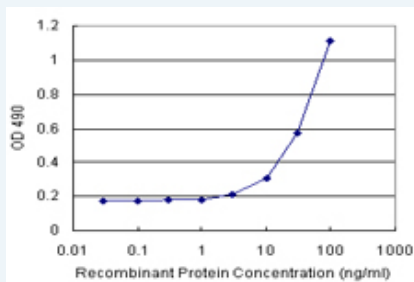
[List All](#)

### Specification

**Product Description:** This antibody pair set comes with matched antibody pair to detect and quantify protein level of human DDC.

**Reactivity:** Human

**Quality Control Testing:** Standard curve using recombinant protein ( H00001644-P01 ) as an analyte.



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

**Supplied Product:** Antibody pair set content:  
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-DDC (100 ug)  
 2. Detection antibody: mouse purified polyclonal anti-DDC (20 ug)  
 \*Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

**MSDS:**  [Download](#)

### Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

### Gene Information

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

**Gene Name:** DDC

**Gene Alias:** AADC

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

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

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

### Application Image

ELISA Pair (Recombinant protein)

**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

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.