

## Anti-DDC antibody

<b>Cat. No.</b>	ml262789
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-DDC rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human DDC
<b>Reactivity</b>	Human
<b>Content</b>	1.5 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	DDC
<b>Full name</b>	dopa decarboxylase

**Synonyms** AADC

**Swissprot** P20711

### **Target Background**

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. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

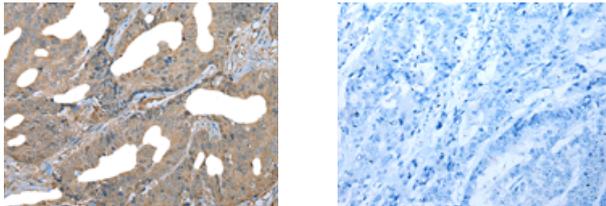
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colorectal cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml262789(DDC Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 54 kDa

Positive control: Human left kidney tissue and Human fetal liver tissue lysates

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

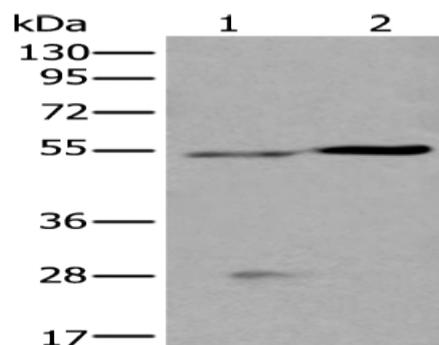
Lysate: 40  $\mu$ g

Lane 1-2: Human left kidney tissue and Human fetal liver tissue lysates

Primary antibody: ml262789(DDC Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 second



#### ELISA

Recommended dilution: 5000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)