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# DDC Rabbit pAb

货号: **AYP17272**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:100 - 1:500 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	37kDa/44kDa/45kDa/53kDa
实测分子量	37KDa/54KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SH-SY5Y,Mouse liver,Mouse brain,Mouse kidney,Rat liver,Rat kidney
细胞定位	axon,cytoplasm,cytosol,extracellular exosome,synaptic vesicle
纯化	Affinity purification

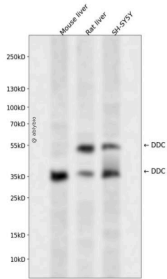
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-137 of human DDC (NP_000781.2).
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## 靶点信息

研究背景	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.
基因ID	1644
基因名	DDC
Swiss	P20711 ( <a href="https://www.uniprot.org/uniprotkb/P20711/entry">https://www.uniprot.org/uniprotkb/P20711/entry</a> )
别名	DDC,AADC,DDC Rabbit pAb,DOPA decarboxylase

## 产品验证



Western blot analysis of DDC expressed in Mouse liver,Rat liver,SH-SY5Y using DDC Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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