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DOPA Decarboxylase Rabbit mAb

货号: AYM31439

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	37kDa/44kDa/45kDa/53kDa
实测分子量	53kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,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

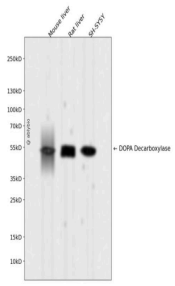
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human DOPA Decarboxylase.

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 neurotr ansmitter metabolism that leads to combined serotonin and catecholamine deficiency. Multiple alternativ ely spliced transcript variants encoding different isoforms have been identified for this gene.
基因ID	1644
基因名	DDC
Swiss	P20711 (https://www.uniprot.org/uniprotkb/P20711/entry)
别名	DOPA Decarboxylase,DOPA Decarboxylase Rabbit mAb,DDC,AADC

产品验证



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

实验步骤

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