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D Amino Acid Oxidase (YD14459) Rabbit mAb

货号: AYD15294

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	39kDa
实测分子量	
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	Rat kidney
细胞定位	Peroxisome matrix, Cytoplasm, cytosol, Presynaptic active zone, Secreted
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	This gene encodes the peroxisomal enzyme D-amino acid oxidase. The enzyme is a flavoprotein which us es flavin adenine dinucleotide (FAD) as its prosthetic group. Its substrates include a wide variety of D-ami no acids, but it is inactive on the naturally occurring L-amino acids. Its biological function is not known; it may act as a detoxifying agent which removes D-amino acids that accumulate during aging. In mice, it d egrades D-serine, a co-agonist of the NMDA receptor. This gene may play a role in the pathophysiology of schizophrenia.
基因ID	1610
基因名	DAO
Swiss	P14920 (https://www.uniprot.org/uniprotkb/P14920/entry)
别名	D Amino Acid Oxidase (YD14459),D Amino Acid Oxidase (YD14459) Rabbit mAb,DAO,DAMOX

产品验证

实验步骤

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