

D Amino Acid Oxidase (YD14459) Rabbit mAb

货号: **AYD15294**

产品信息

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| 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°C. 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 | |

抗原信息

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| 抗原信息 | |
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靶点信息

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| 研究背景 | This gene encodes the peroxisomal enzyme D-amino acid oxidase. The enzyme is a flavoprotein which uses flavin adenine dinucleotide (FAD) as its prosthetic group. Its substrates include a wide variety of D-amino 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 degrades 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 |

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|--------------|--------------------------------|
| Swiss | P14920 |
| 别名 | D Amino Acid Oxidase (YD14459) |

产品验证

实验步骤

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