

DAO Rabbit pAb

货号: **AYP15181**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:1000 - 1:5000 IF/ICC: 1:50 - 1:200
理论分子量	39kDa
实测分子量	39KDa
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	Rat kidney
细胞定位	Peroxisome
纯化	Affinity purification

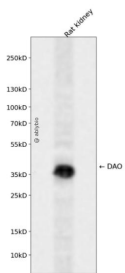
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-347 of human DAO (NP_001908.3).
序列	MRVVVIGAGVIGLSTALCIHERYHSVLQPLDIKVYADRFTPLTTTDDVAAGLWQPYLSDPNNPQEADWSQQTFDYLLSHVHS PNAENLGLFLISGYNLFHEAIPDPSWKDVLGFRKLTPRELDMPDYGYGWFHTSLILEGKNYLQWLTERLTERGVKFFQR KVESFEEVAREGADVIVNCTGVWAGALQRDPLLQPGRGQIMKVDAPWMKHFILTHDPERGIYNSPYIIPGTQTVTLGGIFQ LGNWSELNNIQDHNTIWEGCCRLPTLKNARIIGERTGFRPVRPQIRLEREQLRGSPNTEVIHNYGHGGYGLTIHWGCALE AAKLFGRILEEKLSRMPPSHL

靶点信息

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
Swiss	P14920
别名	DAO;DAAO;DAMOX;OXDA

产品验证



Western blot analysis of DAO expressed in Rat kidney using DAO 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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