

产品概述

产品名 (Product Name)	Anti DAO polyclonal antibody
货号 (Catalog No.)	ATP044
种类 (Category)	Primary antibody
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Human, other species was not test
应用实验 (Tested applications)	ICC: 1:50~200, IHC: 1:50~100
克隆性 (Clonality)	Polyclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of human DAO(Glu20-Trp322).
别名	Amiloride-sensitive amine oxidase, AOC1, DAO, Diamine oxidase, Amiloride-binding protein 1, Amine oxidase copper domain-containing protein 1, Histaminase, Kidney amine oxidase, KAOABP1, DAO1
Uniprot ID	P19801

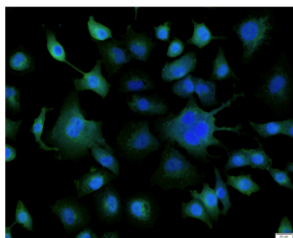
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4°C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.61mg/ml
亚型 (Isotype)	IgG
分子量 (MW)	85kDa
纯化方式 (Purity)	Antigen affinity purification

应用

ICC, IHC

产品实验图片



Immunofluorescent analysis of A549 cells using DAO antibody at dilution of 1:50 and Alexa Fluor-488 conjugated Affinipure Goat anti rabbit IgG(H+L).

产品背景

D-amino acid oxidase (DAO), with MW of 39 kDa, is a flavoprotein which uses flavin adenine dinucleotide 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. DAO may play a role in the pathophysiology of schizophrenia and act as a detoxifying agent which removes D-amino acids that accumulate during aging.