

DAO Antibody (Center)

Catalog_no :	AB1258
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:259-287
Specificity :	This DAO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 259-287 amino acids from the Central region of human DAO.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	D-amino-acid oxidase, DAAO, DAMOX, DAO, DAO, DAMOX
Isotype :	Rabbit Ig
Background :	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.
reference :	Kim, B., et al. Psychiatry Res 179(2):121-125(2010) Caldinelli, L., et al. Protein Sci. 19(8):1500-1512(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Ohnuma, T., et al. Schizophr. Res. 118 (1-3), 300-302 (2010) : Mitchell, J., et al. P