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Datasheet for ABIN6261219 anti-D Amino Acid Oxidase antibody (C-Term)

2 Images

1 Publication



Overview

Quantity:	100 µL
Target:	D Amino Acid Oxidase (DAO)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This D Amino Acid Oxidase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	

Product Details

Immunogen:	A synthesized peptide derived from human DAO, corresponding to a region within C-terminal amino acids.
Isotype:	lgG
Specificity:	DAO Antibody detects endogenous levels of total DAO.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:

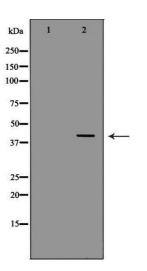
D Amino Acid Oxidase (DAO)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6261219 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	DAO (DAO Products)
Background:	Description: Regulates the level of the neuromodulator D-serine in the brain. Has high activity towards D-DOPA and contributes to dopamine synthesis. Could act as a detoxifying agent which removes D-amino acids accumulated during aging. Acts on a variety of D-amino acids with a preference for those having small hydrophobic side chains followed by those bearing polar, aromatic, and basic groups. Does not act on acidic amino acids. Gene: DAO
Molecular Weight:	39kDa
Gene ID:	1610
UniProt:	P14920
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months
Publications	
Product cited in:	Qian, Zhang, Zhou, Liu, Yue, Guo, Sun, Lv, Chen: "Artesunate enhances γδ T-cell-mediated antitumor activity through augmenting γδ T-cell function and reversing immune escape of

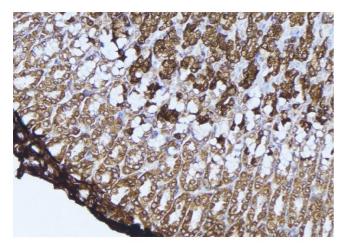
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6261219 | 09/10/2023 | Copyright antibodies-online. All rights reserved. HepG2 cells." in: **Immunopharmacology and immunotoxicology**, Vol. 40, Issue 2, pp. 107-116, (2018) (PubMed).

Validation report #104221 for Western Blotting (WB)



Western Blotting

Image 1. Western blot analysis of MCF7 cell lysate, using DAO Antibody. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6277510 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_i aC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

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