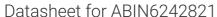
# antibodies - online.com







## anti-D Amino Acid Oxidase antibody (AA 216-248)



Image



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Overview	
Quantity:	400 μL
Target:	D Amino Acid Oxidase (DAO)
Binding Specificity:	AA 216-248
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This D Amino Acid Oxidase antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This DAO antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	peptide between 216-248 amino acids from the Central region of human DAO.
Clone:	RB52983
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	D Amino Acid Oxidase (DAO)
Alternative Name:	DAO (DAO Products)
Background:	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.

Molecular Weight: 39474

UniProt: P14920

### **Application Details**

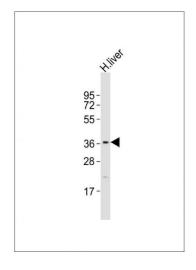
Application Notes: WB: 1:2000

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months

#### **Images**



#### **Western Blotting**

**Image 1.** Anti-DAO Antibody (Center)at 1:2000 dilution + human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 39 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.