

## DAO Rabbit pAb

CatalogNo: YN6421

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 38kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human DAO

**Specificity** This antibody detects endogenous levels of DAO at Human, Mouse, Rat

### | Target Information

**Gene name** DAO DAMOX

Protein Name	D-amino-acid oxidase (DAAO) (DAMOX) (DAO) (EC 1.4.3.3)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">1610</a> ;	<a href="#">P14920</a> ;
	Mouse	<a href="#">13142</a> ;	<a href="#">P18894</a> ;
Cellular Localization	Rat	<a href="#">114027</a> ;	<a href="#">O35078</a> ;
	Peroxisome.		
Function	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.		

## Validation Data

## Contact information

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**DAO Rabbit pAb**

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