

# DAO Polyclonal Antibody

catalog number: AN006850L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

<b>Reactivity</b>	Rat
<b>Immunogen</b>	Recombinant Mouse Dao protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

## Applications

## Recommended Dilution

<b>WB</b>	1:1000-1:2000
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## Data



Western blot with Anti Dao Polyclonal antibody at dilution of 1:1000. Lane 1: Rat kidney tissue lysate, Lane 2: Rat liver tissue lysate.

**Observed-MV:35-40 kDa**

**Calculated-MV:39 kDa**

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## 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.

## For Research Use Only