



Datasheet for ABIN391715

## anti-Monoamine Oxidase B antibody (AA 303-334)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	400 µL
Target:	Monoamine Oxidase B (MAOB)
Binding Specificity:	AA 303-334
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Monoamine Oxidase B antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This MAOB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 303-334 amino acids from the Central region of human MAOB.
Clone:	RB18202
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Target Details

Target:	Monoamine Oxidase B (MAOB)
Alternative Name:	MAOB ( <a href="#">MAOB Products</a> )

## Target Details

---

**Background:** MAOB belongs to the flavin monoamine oxidase family. This protein is an enzyme located in the mitochondrial outer membrane. The protein catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. The protein preferentially degrades benzylamine and phenylethylamine.

**Molecular Weight:** 58763

**Gene ID:** 4129

**NCBI Accession:** [NP\\_000889](#)

**UniProt:** [P27338](#)

## Application Details

---

**Application Notes:** WB: 1:1000

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

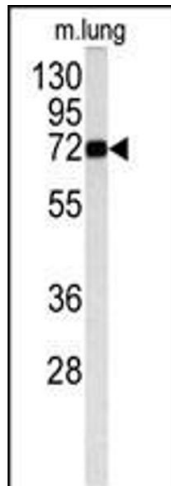
**Preservative:** Sodium azide

**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

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



### Western Blotting

**Image 1.** Western blot analysis of OB antibody (Center) (ABIN391715 and ABIN2841607) in mouse lung tissue lysates (35  $\mu$ g/lane). OB (arrow) was detected using the purified Pab.