

For Research Use Only

# MAOB Polyclonal antibody

Catalog Number: 55263-1-AP



## Basic Information

### Catalog Number:

55263-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_000898

### GeneID (NCBI):

4129

### UNIPROT ID:

P27338

### Full Name:

monoamine oxidase B

### Calculated MW:

59 kDa

### Observed MW:

59 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : mouse liver tissue,

## Background Information

The MAOB gene encodes a 520-amino acid protein with a molecular mass of 58.8 kD and shows 70% amino acid identity to MAOA. MAOA and MAOB are present in the outer mitochondrial membrane in the central nervous system and peripheral tissues. A comparison of highly purified human placental MAOA and human liver MAOB revealed that the A form of the enzyme is larger by 2 kDa and only one potential N-glycosylation site exists in each protein, with each site in a different relevant position (PMID:3387449).

## Storage

### Storage:

Store at -20°C.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

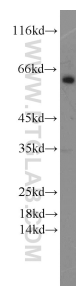
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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 55263-1-AP (MAOB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.