

## MAOB

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**59kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human MAOB

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MGC26382; MAOB;

**Catalog #:**A1568

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4129

**Isotype:**IgG

**Swiss Prot:**P27338

**Purity:**Affinity purification

For research use only.

**Background:**

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). This antibody is specific to MAOB.

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