

# MAOA Rabbit Polyclonal Antibody



CAB1354

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

65kDa

### Calculated MW:

44kDa/59kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

This gene is one of two neighboring gene family members that encode mitochondrial enzymes which catalyze the oxidative deamination of amines, such as dopamine, norepinephrine, and serotonin. Mutation of this gene results in Brunner syndrome. This gene has also been associated with a variety of other psychiatric disorders, including antisocial behavior. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

## Immunogen information

### Gene ID:

4128

### Uniprot

P21397

### Synonyms:

MAOA; BRNRS; MAO-A

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

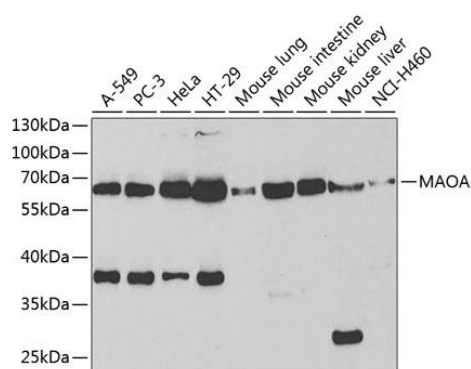
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human MAOA (NP\_000231.1).

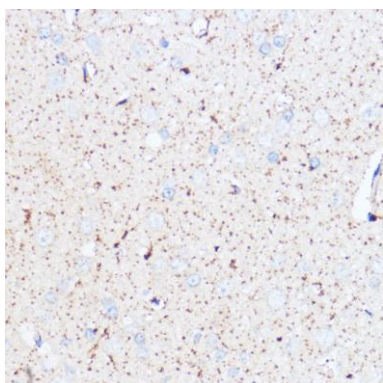
### Storage:

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

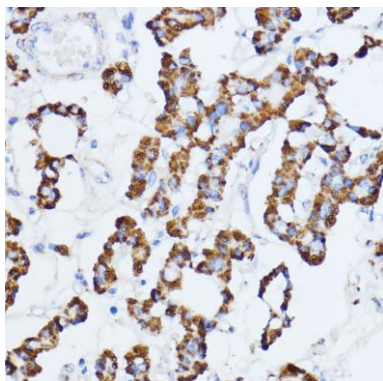
## Product Images



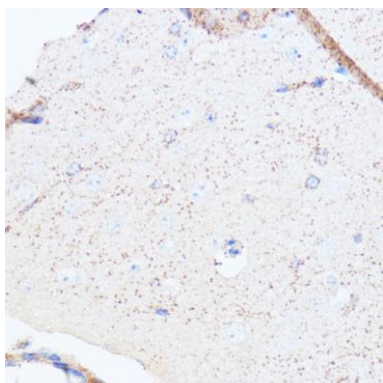
Western blot analysis of extracts of various cell lines, using MAOA antibody (CAB1354) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded rat brain using MAOA antibody (CAB1354) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human thyroid cancer using MAOA antibody (CAB1354) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using MAOA antibody (CAB1354) at dilution of 1:100 (40x lens).