

A14024

Leader in Biomolecular Solutions for Life Science



# Monoamine Oxidase A (MAOA) Rabbit pAb

Catalog No.: A14024

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

61kDa

### Category

Polyclonal Antibody

### Applications

IF/ICC,ELISA

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**  
4128

**Swiss Prot**  
P21397

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

BRNRS; MAO-A; Monoamine Oxidase A (MAOA)

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**  
Rabbit

**Isotype**  
IgG

**Purification**  
Affinity purification

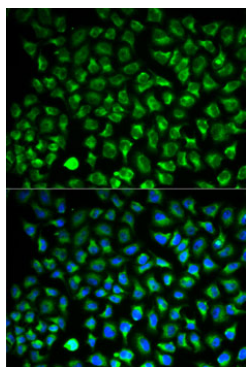
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Immunofluorescence analysis of HeLa cells using Monoamine Oxidase A (MAOA) Rabbit pAb (A14024). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.