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Datasheet for ABIN7008332

## anti-Monoamine Oxidase A antibody

### 5 Images

#### Overview

Quantity:	60 µL
Target:	Monoamine Oxidase A (MAOA)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Monoamine Oxidase A antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human MAOA (NP_000231.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	Monoamine Oxidase A (MAOA)
Alternative Name:	MAOA ( <a href="#">MAOA Products</a> )
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.

## Target Details

Alternatively spliced transcript variants encoding multiple isoforms have been observed.

Gene ID: 4128

UniProt: [P21397](#)

## Application Details

Application Notes: IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

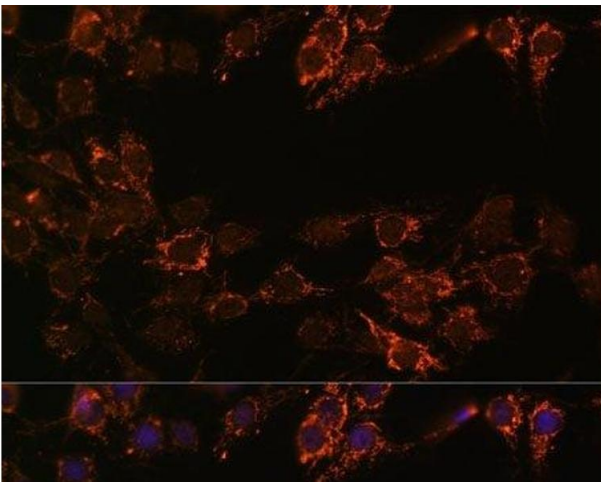
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

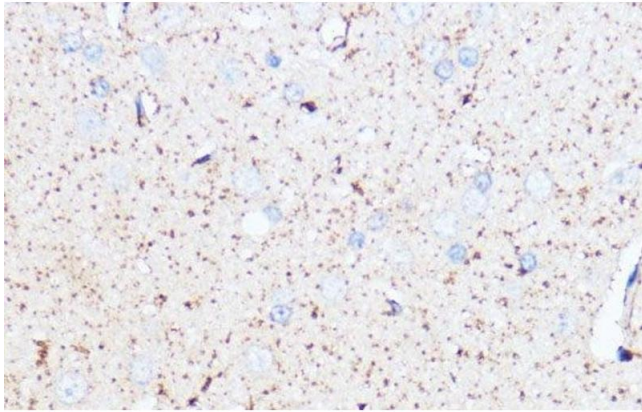
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



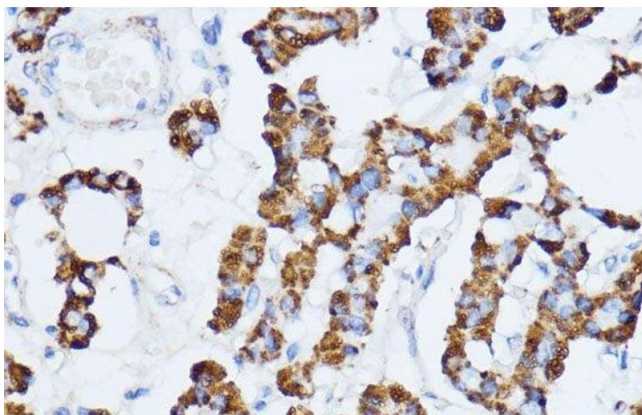
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of C6 cells using MAOA Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Rat brain using MAOA Polyclonal Antibody at dilution of 1:100 (40x lens).



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human thyroid cancer using MAOA Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7008332.