

## Monoamine Oxidase A Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51327-100 □

### Specification

#### Monoamine Oxidase A Antibody - Product info

Application	WB
Primary Accession	<a href="#">P21397</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61 KDa

#### Monoamine Oxidase A Antibody - Additional info

Gene ID 4128

#### Other Names

Amine oxidase [flavin-containing] A, Monoamine oxidase type A, MAO-A, MAOA

#### Target/Specificity

KLH conjugated synthetic peptide derived from human Monoamine Oxidase A

#### Dilution

WB~~ 1:1000

#### Format

0.01M PBS, pH 7.2, 0.1% Sodium azide, Glycerol 50%

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

#### Monoamine Oxidase A Antibody - Protein Information

Name MAOA

#### Function

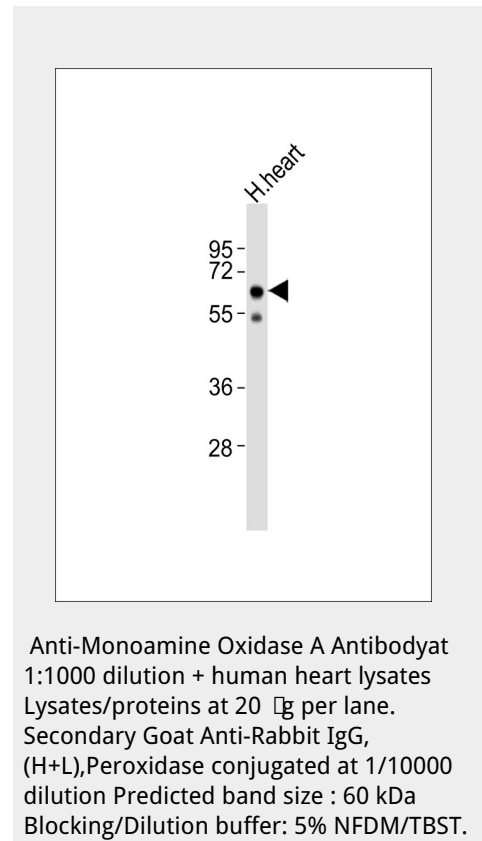
Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine.

#### Cellular Location

Mitochondrion outer membrane; Single-pass type IV membrane protein; Cytoplasmic side

#### Tissue Location

Heart, liver, duodenum, blood vessels and kidney



### Monoamine Oxidase A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [□Western Blot](#)
- [□Blocking Peptides](#)
- [□Dot Blot](#)
- [□Immunohistochemistry](#)
- [□Immunofluorescence](#)
- [□Immunoprecipitation](#)
- [□Flow Cytometry](#)
- [□Cell Culture](#)

#### Monoamine Oxidase A Antibody - Background

Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine.

#### Monoamine Oxidase A Antibody - References

Hsu Y.-P.P.,et al.J. Neurochem. 51:1321-1324(1988). Bach A.W.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:4934-4938(1988). Chen Z.-Y.,et al.Nucleic Acids Res. 19:4537-4541(1991). Grimsby J.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:3637-3641(1991). Ota T.,et al.Nat. Genet. 36:40-45(2004).