10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Monoamine Oxidase A Rabbit mAb

Catalog # AP75734

Specification

Monoamine Oxidase A Rabbit mAb - Product Information

Application	**WB, IHC-P**
Primary Accession	P21397
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Calculated MW	**59682**

Monoamine Oxidase A Rabbit mAb - Additional Information

Gene ID 4128

Other Names
MAOA

Dilution
WB~~1/500-1/1000
IHC-P~~N/A

Format
Liquid

Monoamine Oxidase A Rabbit mAb - Protein Information

Name MAOA (HGNC:6833)

Function
Catalyzes the oxidative deamination of primary and some secondary amine such as neurotransmitters, with concomitant reduction of oxygen to hydrogen peroxide and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues (PubMed:18391214, PubMed:20493079, PubMed:24169519, PubMed:8316221). Preferentially oxidizes serotonin (PubMed:20493079, PubMed:24169519). Also catalyzes the oxidative deamination of kynuramine to 3-(2-aminophenyl)-3-oxopropanal that can spontaneously condense to 4-hydroxyquinoline (By similarity).

Cellular Location
Mitochondrion outer membrane {ECO:0000250|UniProtKB:P21396}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:P21396}; Cytoplasmic side {ECO:0000250|UniProtKB:P21396}

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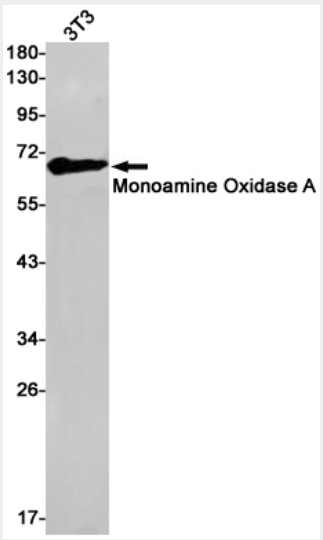
Tissue Location
Heart, liver, duodenum, blood vessels and kidney.

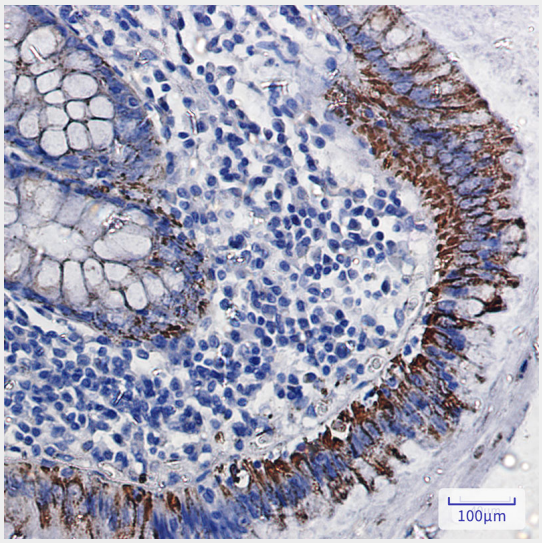
Monoamine Oxidase A Rabbit mAb - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Monoamine Oxidase A Rabbit mAb - Images





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