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Anti-MAOA / Monoamine Oxidase Antibody (aa298-347)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18098

Product Information

Application	WB, IHC-P, E
Primary Accession	P21397
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	59682

Additional Information

Gene ID	4128
Alias Symbol	MAOA
Other Names	MAOA, MAO-A, Monoamine Oxidase, Monoamine oxidase A, Monoamine oxidase type A
Target/Specificity	MAO-A antibody detects endogenous levels of MAO-A.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MAOA / Monoamine Oxidase Antibody (aa298-347) is for research use only and not for use in diagnostic or therapeutic procedures.

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}

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.