

# IHCeasy<sup>®</sup> MAOB Ready-To-Use IHC Kit

Catalog Number: **KHC3204**

## General Information

Sample type: FFPE tissue	Assay type: Immunohistochemistry
Cited sample type:	Primary antibody type:
Reactivity: Human, Mouse, Rat	Rabbit Recombinant
Cited Reactivity:	Secondary antibody type: Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

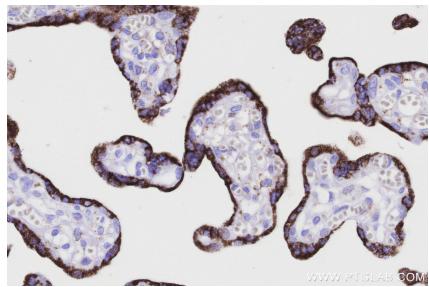
## Background

The MAOB gene encodes a 520-amino acid protein, shows 70% amino acid identity to MAOA. MAOA and MAOB are present in the outer mitochondrial membrane in the central nervous system and peripheral tissues. A comparison of highly purified human placental MAOA and human liver MAOB revealed that the A form of the enzyme is larger by 2 kDa and only one potential N-glycosylation site exists in each protein, with each site in a different relevant position.

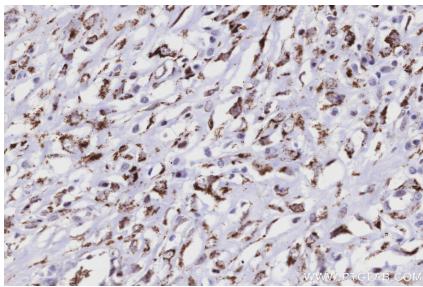
## Synonyms

Amine oxidase [flavin-containing] B, EC:1.4.3.21, MAO B, MAO-B, monoamine oxidase B

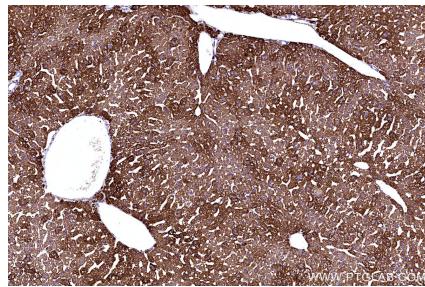
## Selected Validation Data



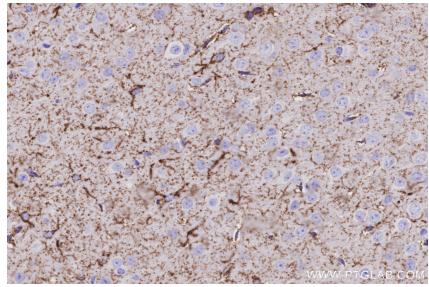
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3204 (MAOB IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC3204 (MAOB IHC Kit).



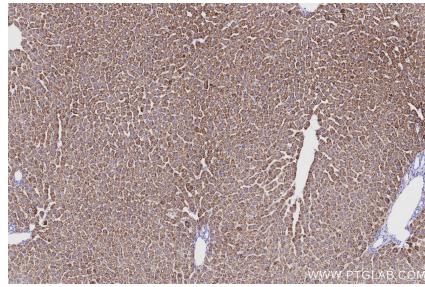
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC3204 (MAOB IHC Kit).



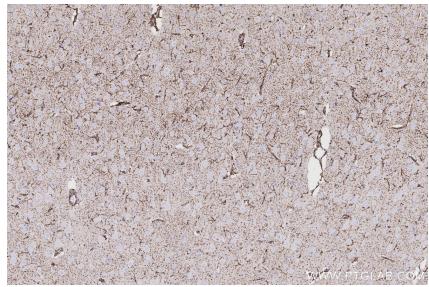
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC3204 (MAOB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC3204 (MAOB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC3204 (MAOB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC3204 (MAOB IHC Kit).