ARG40379
anti-MAOB antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MAOB
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MAOB
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 448-484 of Human MAOB. (REILHAMGKIPEDEIWQSEPESVDVPAQPITTTFLER)
Conjugation	Un-conjugated
Alternate Names	MAO-B; Monoamine oxidase type B; Amine oxidase [flavin-containing] B; EC 1.4.3.4

Application Instructions

Application table

Application	Dilution
IHC-P	0.5 - 1 µg/ml
WB	0.1 - 0.5 µg/ml

Application Note: IHC-P: Antigen Retrieval: By heat mediation.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: ~ 60 kDa

Properties

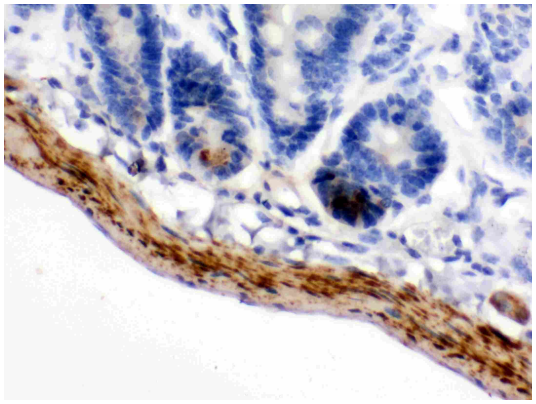
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na2HPO4, 0.9% NaCl, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

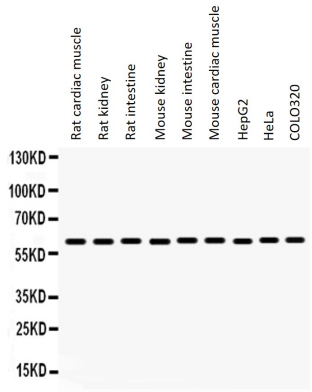
Gene Symbol	MAOB
Gene Full Name	monoamine oxidase B
Background	The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous sysytem and peripheral tissues. This protein preferentially degrades benzylamine and phenylethylamine. [provided by RefSeq, Jul 2008]
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. MAOB preferentially degrades benzylamine and phenylethylamine. [UniProt]
Calculated Mw	59 kDa
Cellular Localization	Mitochondrion outer membrane; Single-pass type IV membrane protein; Cytoplasmic side. [UniProt]

Images



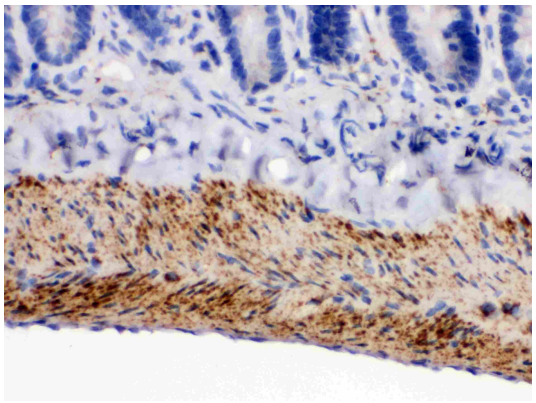
ARG40379 anti-MAOB antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse intestine stained with ARG40379 anti-MAOB antibody.



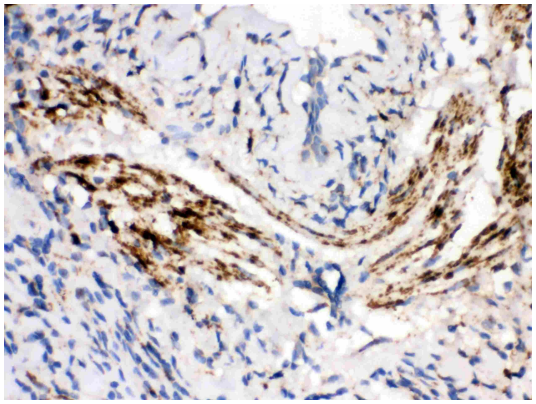
ARG40379 anti-MAOB antibody WB image

Western blot: 50 µg of Rat cardiac muscle, 50 µg of Rat kidney, 50 µg of Rat intestine, 50 µg of Mouse kidney, 50 µg of Mouse intestine, 50 µg of Mouse cardiac muscle, 40 µg of HepG2, 40 µg of HeLa and 40 µg of COLO320 whole cell lysates stained with ARG40379 anti-MAOB antibody at 0.5 µg/ml dilution.



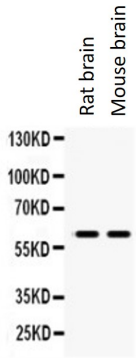
ARG40379 anti-MAOB antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat intestine stained with ARG40379 anti-MAOB antibody.



ARG40379 anti-MAOB antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue stained with ARG40379 anti-MAOB antibody.



ARG40379 anti-MAOB antibody WB image

Western blot: 50 µg of Rat brain and Mouse brain lysates stained with ARG40379 anti-MAOB antibody at 0.5 µg/ml dilution.