

ARG55339 anti-MAOB antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MAOB
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MAOB
Species	Human
Immunogen	Recombinant protein of Human MAOB (NP_000889.3)
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
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	~ 60 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

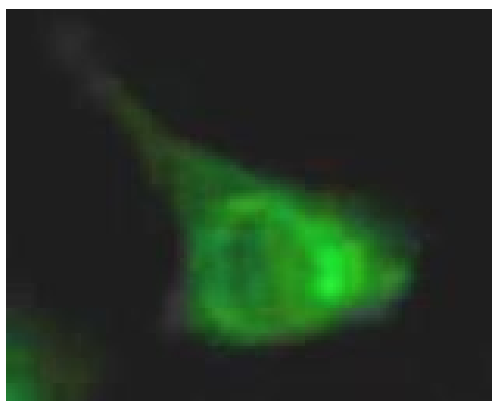
Note

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

Bioinformation

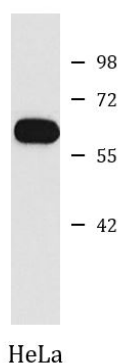
Gene Symbol	MAOB
Gene Full Name	monoamine oxidase B
Background	The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role 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]
Research Area	Controls and Markers antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	59 kDa

Images



ARG55339 anti-MAOB antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG55339 anti-MAOB antibody. Blue: DAPI for nuclear staining.



ARG55339 anti-MAOB antibody WB image

Western blot: HeLa cell lysate stained with ARG55339 anti-MAOB antibody.