

ARG24044
anti-MAOB antibody [BCAB1376]Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [BCAB1376] recognizes MAOB
Tested Reactivity	Hu
Tested Application	I-ELISA, WB
Specificity	The antibody reacts with Human MAOB and do not react with the Human MAOA.
Host	Mouse
Clonality	Monoclonal
Clone	BCAB1376
Isotype	IgG
Target Name	MAOB
Species	Human
Immunogen	Recombinant Human MAOB.
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
	I-ELISA	1:500
	WB	1:800 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 63 kDa	

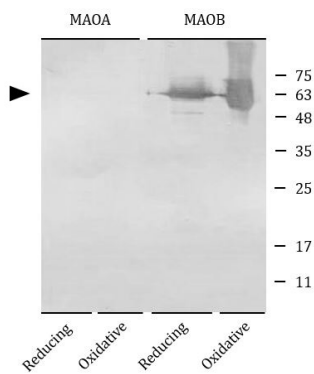
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.5), 20 mM Sodium phosphate, 150 mM NaCl and 0.05% Sodium azide.
Preservative	0.05% Sodium azide
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 system 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



ARG24044 anti-MAOB antibody [BCAB1376] WB image

Western blot: 100 ng of MAOA (lane 1 & 2) and 100 ng of MAOB (lane 3 & 4). The blots were stained with ARG24044 anti-MAOB antibody [BCAB1376], under reducing conditions, with DTT, 10 min at 95°C (lane 1 & 3) or oxidative conditions (lane 2 & 4).