

ARG63950 anti-MAOB antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MAOB
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	ELISA, FACS, ICC/IF, IHC-P, WB
Specificity	This antibody is not expected to cross-react with MAOA.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MAOB
Species	Human
Immunogen	C-HKARKLARLTKEE
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
	ELISA	0.5 - 1 µg/ml (detection Ab)
	FACS	10 µg/ml
	ICC/IF	10 µg/ml
	IHC-P	Assay - dependent
	WB	0.5 - 1.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

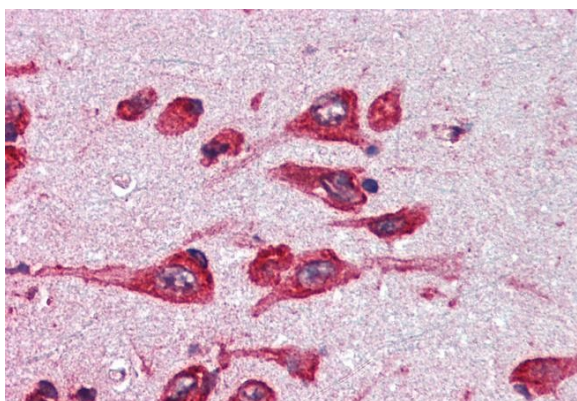
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide

Stabilizer	0.5% 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

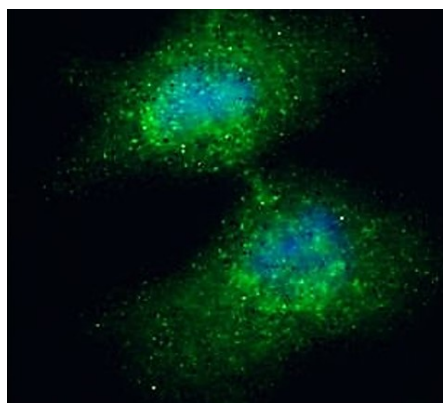
Database links	GeneID: 4129 Human Swiss-port # P27338 Human
Background	The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important 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]
Research Area	Controls and Markers antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	59 kDa

Images



ARG63950 anti-MAOB antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63950 anti-MAOB antibody at 5 µg/ml dilution followed by AP-staining.



ARG63950 anti-MAOB antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG63950 anti-MAOB antibody at 10 µg/ml dilution.



ARG63950 anti-MAOB antibody WB image

Western blot: 35 µg of Human Brain (Hippocampus) lysate stained with ARG63950 anti-MAOB antibody at 0.5 µg/ml dilution.