

Rabbit MAOB Polyclonal Antibody | anti-MAOB antibody

MAOB Antibody

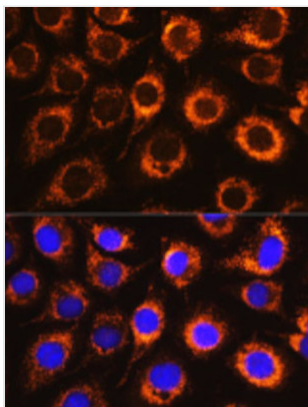
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29672	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

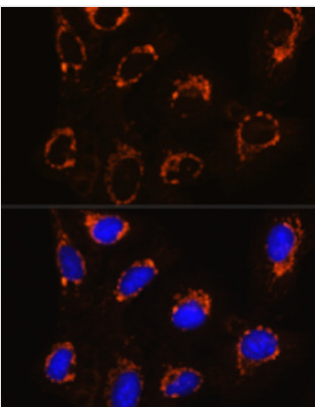
MAOB; Polyclonal Antibody; MAOB Antibody; MGC26382; anti-MAOB antibody

PRODUCT SPECIFICATIONS

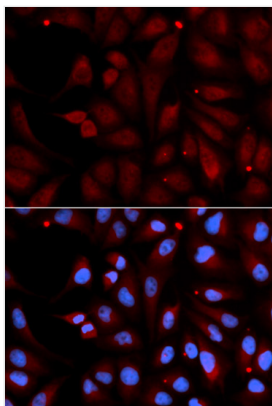
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MAOB protein.
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	520
Applicable Applications for anti-MAOB antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human Monoamine Oxidase B (Monoamine Oxidase B (MAOB)) (NP_000889.3)
Target Name	MAOB
Preparation and Storage	Store at -20 degree C



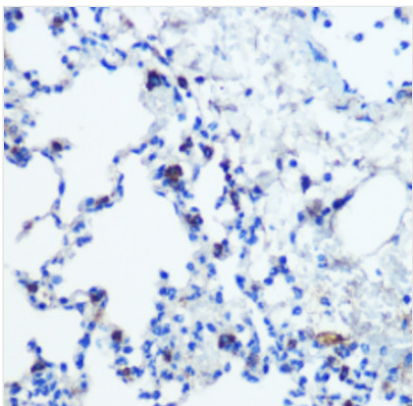
IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using Monoamine Oxidase B (Monoamine Oxidase B (MAOB)) Rabbit pAb.



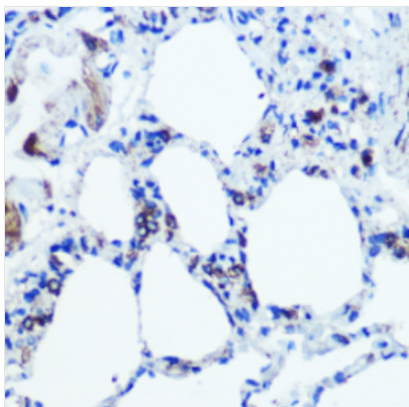
IF (Immunofluorescence)
Immunofluorescence analysis of L929 cells using Monoamine Oxidase B (Monoamine Oxidase B (MAOB)) Rabbit pAb.



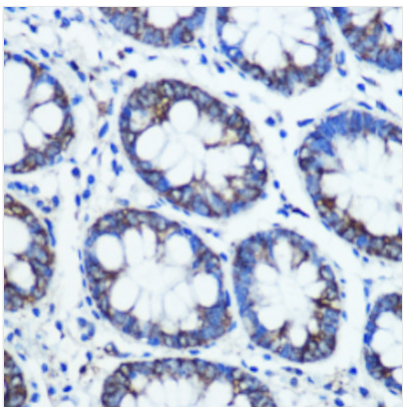
IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cell using MAOB antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse lung using Monoamine Oxidase B (Monoamine Oxidase B (MAOB)) Rabbit pAb.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat lung using Monoamine Oxidase B (Monoamine Oxidase B (MAOB)) Rabbit pAb.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using Monoamine Oxidase B (Monoamine Oxidase B (MAOB)) Rabbit pAb

ADDITIONAL INFORMATION

Related Product Information for anti-MAOB antibody

The MAOB gene encodes a 520-amino acid protein with a molecular mass of 58.8 kD and 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(PMID:3387449). This antibody is specific to MAOB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38202207
NCBI GeneID	4129
NCBI Accession #	NP_000889.3
NCBI GenBank Nucleotide #	NM_000898.4
UniProt Accession #	P27338; Q7Z6S2; B2R6R3; B7Z5H3; D3DWC3
Molecular Weight	46,539 Da
NCBI Official Full Name	amine oxidase
NCBI Official Synonym Full Names	monoamine oxidase B
NCBI Official Symbol	MAOB
NCBI Protein Information	amine oxidase [flavin-containing] B
UniProt Protein Name	Amine oxidase [flavin-containing] B
UniProt Gene Name	MAOB
UniProt Synonym Gene Names	MAO-B
UniProt Entry Name	AOFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/maob-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29672>