

Rabbit MAOA Polyclonal Antibody | anti-MAOA antibody

MAOA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322036	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

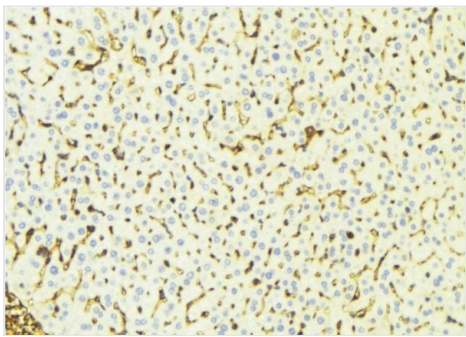
PRODUCT SYNONYMS

MAOA; Polyclonal Antibody; MAOA Antibody; Amine oxidase [flavin containing] A; Amine oxidase [flavin-containing] A; AOFA; AOFA_HUMAN; EC 1.4.3.4; MAO A; MAO-A; maoA; Monoamine oxidase A; Monoamine oxidase type A; anti-MAOA antibody

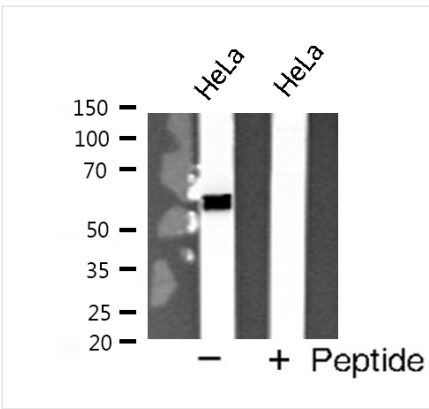
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MAOA antibody detects endogenous levels of total MAOA
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	527
Applicable Applications for anti-MAOA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAOA
Subcellular Location	Mitochondrion
Tissue Specificity	Heart, liver, duodenum, blood vessels and kidney.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (90%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA322036 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of MAOA expression in HeLa cell extracts

ADDITIONAL INFORMATION

Related Product Information for anti-MAOA antibody	Description: 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. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine. Subunit Structure: Monomer, homo- or heterodimer (containing two subunits of similar size). Each subunit contains a covalently bound flavin. Enzymatically active as monomer. Similarity: Belongs to the flavin monoamine oxidase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557735
NCBI GeneID	4128
NCBI Accession #	NP_000231.1
NCBI GenBank Nucleotide #	NM_000240.3
UniProt Accession #	P21397; Q16426; B4DF46
Molecular Weight	Observed: 60 kD Predicted: 60 kDa
NCBI Official Full Name	amine oxidase
NCBI Official Synonym Full Names	monoamine oxidase A
NCBI Official Symbol	MAOA
NCBI Official Synonym Symbols	BRNRS; MAO-A
NCBI Protein Information	amine oxidase [flavin-containing] A
UniProt Protein Name	Amine oxidase [flavin-containing] A
UniProt Gene Name	MAOA
UniProt Synonym Gene Names	MAO-A

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.