

RecomAb™

MAOB recombinant monoclonal antibody, clone 9B6

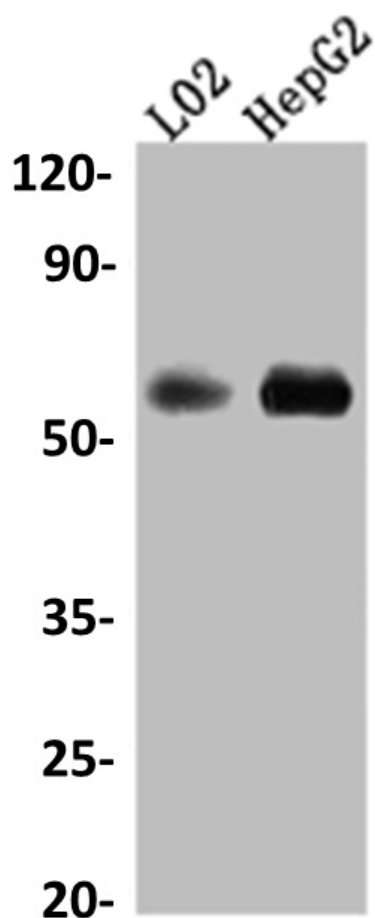
Catalog # RAB07479

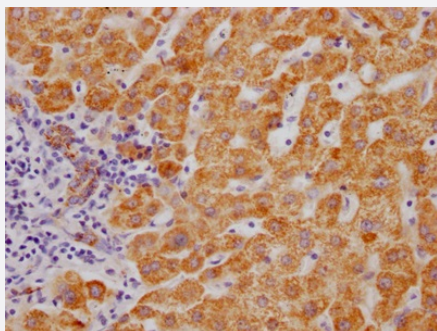
Size 100 uL

Applications

Western Blot (Cell lysate)

Western blot analysis of L02 whole cell lysate, HepG2 whole cell lysate with MAOB recombinant monoclonal antibody, clone 9B6 (Cat # RAB07479).





Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human liver tissue using MAOB recombinant monoclonal antibody, clone 9B6 (Cat # RAB07479) on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MAOB.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MAOB.
Theoretical MW (kDa)	Calculated MW: 59, 4
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of L02 whole cell lysate, HepG2 whole cell lysate with MAOB recombinant monoclonal antibody, clone 9B6 (Cat # RAB07479).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human liver tissue using MAOB recombinant monoclonal antibody, clone 9B6 (Cat # RAB07479) on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MAOB

Entrez GeneID [4129](#)

Protein Accession# [P27338](#)

Gene Name MAOB

Gene Alias MGC26382

Gene Description monoamine oxidase B

Omim ID [309860](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations MAO, brain|MAO, platelet|adrenalin oxidase|tyramine oxidase

Pathway

- [Arginine and proline metabolism](#)
- [Drug metabolism - cytochrome P450](#)

- [Glycine](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [Phenylalanine metabolism](#)
- [Tryptophan metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Basal Ganglia Diseases](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Combat Disorders](#)
- [Conduct Disorder](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Dyskinesia](#)
- [Edema](#)
- [Fatigue Syndrome](#)

- [Genetic Predisposition to Disease](#)
- [Genetics](#)
- [Hallucinations](#)
- [Hepatitis](#)
- [Lewy Body Disease](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [NARP](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Parkinson disease](#)
- [Perception](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Restless Legs Syndrome](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)