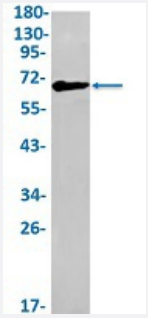
RecomAb™

MAOA recombinant monoclonal antibody, clone R07-9I3

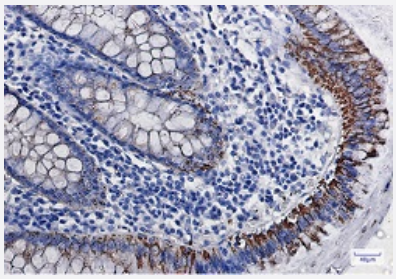
Catalog # RAB02096 Size 100 uL

Applications



Western Blot

Western Blot analysis of C6 lysates with MAOA recombinant monoclonal antibody, clone R07-9I3 (Cat # RAB02096).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with MAOA recombinant monoclonal antibody, clone R07-9I3 (Cat # RAB02097). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MAOA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MAOA.
Theoretical MW (kDa)	Calculated MW: 60 kD
Reactivity	Human, Mouse, Rat
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western Blot analysis of C6 lysates with MAOA recombinant monoclonal antibody, clone R07-9I3 (Cat # RAB02096).

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon cancer with MAOA recombinant monoclonal antibody, clone R07-9I3 (Cat # RAB02097). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Gene Info — MAOA

Entrez GeneID	4128
Protein Accession#	P21397
Gene Name	MAOA
Gene Alias	-
Gene Description	monoamine oxidase A
Omim ID	309850
Gene Ontology	Hyperlink

Gene Summary	This gene encodes monoamine oxidase A, an enzyme that degrades amine neurotransmitters, such as dopamine, norepinephrine, and serotonin. The protein localizes to the mitochondrial outer membrane. The gene is adjacent to a related gene on the opposite strand of chromosome X. Mutation in this gene results in monoamine oxidase deficiency, or Brunner syndrome. [provided by RefSeq
Other Designations	OTTHUMP00000023165

Pathway

- Arginine and proline metabolism
- Drug metabolism - cytochrome P450
- Glycine
- Histidine metabolism
- Metabolic pathways
- Phenylalanine metabolism
- Tryptophan metabolism
- Tyrosine metabolism

Disease

- Acute Disease
- Adolescent Psychology
- Alcoholism
- Alcohol-Related Disorders
- Alzheimer disease
- Aneuploidy
- Anorexia Nervosa
- Antisocial Personality Disorder
- Anxiety Disorders
- Attention

- Attention Deficit and Disruptive Behavior Disorders
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Avoidance Learning
- Awareness
- Basal Ganglia Diseases
- Bipolar Disorder
- Body Weight
- Borderline Personality Disorder
- Bulimia
- Cardiovascular Diseases
- Cataplexy
- Child Behavior Disorders
- Chronic Disease
- Cognition
- Cognition Disorders
- Conduct Disorder
- Consciousness
- Coronary Disease
- Coronary Restenosis
- Criminal Psychology
- Decision Making
- Dementia
- Depression
- Depressive Disorder

- Developmental Disabilities
- Diabetes Mellitus
- Disease Models
- Disease Progression
- Disease Susceptibility
- Diseases in Twins
- Dyskinesia
- Edema
- Epilepsy
- Fatigue
- Fatigue Syndrome
- Fibromyalgia
- Fragile X syndrome
- Gambling
- Genetic Predisposition to Disease
- Genetics
- Gout
- Headache
- Heroin Dependence
- Hyperalgesia
- Hyperkinesis
- Impulse Control Disorders
- Intelligence Tests
- Klinefelter Syndrome
- Language Tests
- Learning Disorders

- Lewy Body Disease
- Lung Neoplasms
- Memory
- Mental Disorders
- Mental Retardation
- Metabolic Syndrome X
- Migraine Disorders
- Migraine without Aura
- Mood Disorders
- Narcolepsy
- NARP
- Nausea
- Neuropsychological Tests
- Neurotic Disorders
- Obesity
- Obsessive-Compulsive Disorder
- Ovarian Failure
- Overweight
- Pain
- Pain Threshold
- Panic Disorder
- Parkinson disease
- Personality Assessment
- Personality Disorders
- Personality Inventory
- Personality Tests

- Phobic Disorders
- Polycystic Ovary Syndrome
- Postoperative Complications
- Pregnancy Complications
- Premenstrual Syndrome
- Prenatal Exposure Delayed Effects
- Prostatic Neoplasms
- Psychiatric Status Rating Scales
- Psychological Tests
- Psychology
- Psychometrics
- Psychoses
- Puberty
- Reaction Time
- Restless Legs Syndrome
- Reward
- Schizophrenia
- Schizophrenic Psychology
- Schizotypal Personality Disorder
- Sex Chromosome Aberrations
- Sleep
- Sleep Deprivation
- Sleep Disorders
- Space Perception
- Startle Reaction
- Stress

- Substance-Related Disorders
- Sudden Infant Death
- Thrombophilia
- Tobacco Use Disorder
- Tourette Syndrome
- Urinary Bladder Neoplasms
- Weight Gain
- Werner syndrome
- Wounds and Injuries