

MAOA rabbit monoclonal antibody

Catalog # H00004128-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAOA peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAOA is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MAOA peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MAOA

Entrez GeneID	4128
GeneBank Accession#	MAOA
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](#)