MAOB rabbit monoclonal antibody

Catalog # H00004129-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAOB peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAOB 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 MAOB peptide by ELISA and mammalian transfected lysate by We stern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — MAOB

Entrez GeneID	4129
GeneBank Accession#	MAOB
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 l ocated in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic an d xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous sysytem 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