

DNAxPAb

Hard-to-Find
Antibody

MAOB DNAxPab

Catalog # H00004129-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human MAOB DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MAOB

Entrez GeneID	4129
GeneBank Accession#	NM_000898.3
Protein Accession#	NP_000889.3
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](#)